

## Two-step equations - Solving word problems using integers and decimals

### Find the answer using two-step equations:

- 1) You bought a magazine for \$3.10 and eight notepads. You spent a total of \$42.30. How much did each notepad cost?
- 2) 560 students went on a field trip. Ten buses were filled and 10 students traveled in cars. How many students were in each bus?
- 3) For a field trip 16 students rode in cars and the rest filled seven buses. How many students were in each bus if 219 students were on the trip?
- 4) John rented a bike from Jasmine's Bikes. It cost \$19.10 plus \$7.30 per hour. If John paid \$55.60 then he rented the bike for how many hours?
- 5) You had \$21.60 to spend on eight pencils. After buying them you had \$4.80. How much did each pencil cost?
- 6) You bought a magazine for \$6.50 and some candy bars for \$3.60 each. You spent a total of \$17.30. How many candy bars did you buy?
- 7) Dan's Bikes rents bikes for \$12.40 plus \$3.10 per hour. Jose paid \$27.90 to rent a bike. For how many hours did he rent the bike?
- 8) You had \$20.26 to spend on six pencils. After buying them you had \$8.26. How much did each pencil cost?

- 9) Pranav's Bikes rents bikes for \$14.53 plus \$7.75 per hour. Adam paid \$61.03 to rent a bike. For how many hours did he rent the bike?
- 10) The sum of three consecutive even numbers is 84. What is the smallest of these numbers?
- 11) The sum of three consecutive numbers is 51. What is the smallest of these numbers?
- 12) For a field trip 27 students rode in cars and the rest filled four buses. How many students were in each bus if 123 students were on the trip?
- 13) For a field trip 11 students rode in cars and the rest filled five buses. How many students were in each bus if 181 students were on the trip?
- 14) 294 students went on a field trip. Six buses were filled and 12 students traveled in cars. How many students were in each bus?
- 15) 175 students went on a field trip. Four buses were filled and 7 students traveled in cars. How many students were in each bus?
- 16) You bought a magazine for \$2.70 and some erasers for \$4.10 each. You spent a total of \$10.90. How many erasers did you buy?

- 17) The sum of three consecutive even numbers is 42. What is the smallest of these numbers?
- 18) Jasmine rented a bike from Mary's Bikes. It cost \$10.10 plus \$7.10 per hour. If Jasmine paid \$38.50 then she rented the bike for how many hours?
- 19) 94 students went on a field trip. Four buses were filled and 6 students traveled in cars. How many students were in each bus?
- 20) You bought a magazine for \$3.31 and six notepads. You spent a total of \$33.19. How much did each notepad cost?
- 21) The sum of three consecutive numbers is 42. What is the smallest of these numbers?
- 22) For a field trip 19 students rode in cars and the rest filled six buses. How many students were in each bus if 361 students were on the trip?
- 23) For a field trip 24 students rode in cars and the rest filled seven buses. How many students were in each bus if 437 students were on the trip?
- 24) You bought a magazine for \$6.50 and some notepads for \$3.10 each. You spent a total of \$25.10. How many notepads did you buy?

25) The sum of three consecutive odd numbers is 39. What is the smallest of these numbers?

26) The sum of three consecutive numbers is 60. What is the smallest of these numbers?

27) You had \$24 to spend on five notebooks. After buying them you had \$5. How much did each notebook cost?

28) Natalie spent \$10.39 on a magazine and two notepads. If the magazine cost \$3.81 then how much was each notepad?

29) You had \$20.94 to spend on four pencils. After buying them you had \$4.94. How much did each pencil cost?

30) For a field trip 11 students rode in cars and the rest filled eight buses. How many students were in each bus if 283 students were on the trip?

31) Matt spent \$10.40 on a magazine and three candy bars. If the magazine cost \$4.10 then how much was each candy bar?

32) Gabriella's Bikes rents bikes for \$12.95 plus \$6.17 per hour. Totsakan paid \$31.46 to rent a bike. For how many hours did he rent the bike?

33) John rented a bike from Julio's Bikes. It cost \$20 plus \$2.60 per hour. If John paid \$25.20 then he rented the bike for how many hours?

34) You had \$21.59 to spend on three pens. After buying them you had \$13.10. How much did each pen cost?

35) Cody had \$20.18 to spend on eight raffle tickets. After buying them he had \$0.42. How much did each raffle ticket cost?

36) You bought a magazine for \$4.10 and some erasers for \$4.40 each. You spent a total of \$34.90. How many erasers did you buy?

37) Norachai rented a bike from James' Bikes. It cost \$18.52 plus \$3.14 per hour. If Norachai paid \$34.22 then he rented the bike for how many hours?

38) 294 students went on a field trip. Nine buses were filled and 6 students traveled in cars. How many students were in each bus?

39) For a field trip 23 students rode in cars and the rest filled three buses. How many students were in each bus if 158 students were on the trip?

40) You bought a magazine for \$6.95 and eight candy bars. You spent a total of \$34.79. How much did each candy bar cost?

41) For a field trip 13 students rode in cars and the rest filled five buses. How many students were in each bus if 308 students were on the trip?

42) Chelsea spent \$21 on a magazine and some candy bars. If the magazine cost \$7 and each candy bar cost \$2.80 then how many candy bars did she buy?

43) Mary rented a bike from Brenda's Bikes. It cost \$14.10 plus \$5 per hour. If Mary paid \$44.10 then she rented the bike for how many hours?

44) You had \$24.39 to spend on four raffle tickets. After buying them you had \$11.75. How much did each raffle ticket cost?

45) Elisa spent \$17.30 on a magazine and some candy bars. If the magazine cost \$4.10 and each candy bar cost \$2.20 then how many candy bars did she buy?

46) Stephanie spent \$13.07 on a magazine and two notepads. If the magazine cost \$5.53 then how much was each notepad?

47) Jacob's Bikes rents bikes for \$11.97 plus \$7.12 per hour. Kim paid \$26.21 to rent a bike. For how many hours did she rent the bike?

48) Arjun's Bikes rents bikes for \$20 plus \$2.60 per hour. Lea paid \$30.40 to rent a bike. For how many hours did she rent the bike?

- 49) For a field trip 30 students rode in cars and the rest filled seven buses. How many students were in each bus if 366 students were on the trip?
- 50) Brenda spent \$39.10 on a magazine and some candy bars. If the magazine cost \$4.80 and each candy bar cost \$4.90 then how many candy bars did she buy?
- 51) For a field trip 7 students rode in cars and the rest filled eight buses. How many students were in each bus if 199 students were on the trip?
- 52) Abhasra rented a bike from Shawna's Bikes. It cost \$15.60 plus \$4.20 per hour. If Abhasra paid \$32.40 then she rented the bike for how many hours?
- 53) For a field trip 19 students rode in cars and the rest filled ten buses. How many students were in each bus if 229 students were on the trip?
- 54) Jaidee's Bikes rents bikes for \$11.30 plus \$3.30 per hour. Wilbur paid \$27.80 to rent a bike. For how many hours did he rent the bike?
- 55) You had \$24.80 to spend on seven pens. After buying them you had \$4.50. How much did each pen cost?
- 56) Imani had \$21.46 to spend on seven advocados. After buying them she had \$6.20. How much did each advocado cost?

57) Jose spent \$20.12 on a magazine and some erasers. If the magazine cost \$6.08 and each eraser cost \$3.51 then how many erasers did he buy?

58) The sum of three consecutive numbers is 27. What is the smallest of these numbers?

59) Alberto spent \$8.21 on a magazine and two candy bars. If the magazine cost \$3.01 then how much was each candy bar?

60) Abhasra's Bikes rents bikes for \$18.20 plus \$5.50 per hour. Jasmine paid \$51.20 to rent a bike. For how many hours did she rent the bike?

61) Chelsea had \$23.72 to spend on eight raffle tickets. After buying them she had \$0.84. How much did each raffle ticket cost?

62) The sum of three consecutive even numbers is 90. What is the smallest of these numbers?

63) You had \$22.10 to spend on three avocados. After buying them you had \$14. How much did each avocado cost?

64) The sum of three consecutive odd numbers is 69. What is the smallest of these numbers?

65) 143 students went on a field trip. Six buses were filled and 5 students traveled in cars. How many students were in each bus?

66) Jack spent \$13.90 on a magazine and three erasers. If the magazine cost \$3.70 then how much was each eraser?

67) 148 students went on a field trip. Four buses were filled and 28 students traveled in cars. How many students were in each bus?

68) 428 students went on a field trip. Nine buses were filled and 23 students traveled in cars. How many students were in each bus?

69) 216 students went on a field trip. Five buses were filled and 16 students traveled in cars. How many students were in each bus?

70) Sarawong spent \$11.30 on a magazine and some candy bars. If the magazine cost \$2.50 and each candy bar cost \$2.20 then how many candy bars did he buy?

71) Paul rented a bike from Amanda's Bikes. It cost \$15.90 plus \$2.40 per hour. If Paul paid \$30.30 then he rented the bike for how many hours?

72) You bought a magazine for \$5.09 and eight erasers. You spent a total of \$41.73. How much did each eraser cost?

73) For a field trip 19 students rode in cars and the rest filled three buses. How many students were in each bus if 199 students were on the trip?

74) You bought a magazine for \$2.30 and some candy bars for \$3.80 each. You spent a total of \$25.10. How many candy bars did you buy?

75) The sum of three consecutive numbers is 69. What is the smallest of these numbers?

76) Ming had \$22.14 to spend on eight notebooks. After buying them she had \$3.18. How much did each notebook cost?

77) Beth rented a bike from Sumalee's Bikes. It cost \$11.73 plus \$3.78 per hour. If Beth paid \$19.29 then she rented the bike for how many hours?

78) The sum of three consecutive numbers is 48. What is the smallest of these numbers?

79) The sum of three consecutive numbers is 81. What is the smallest of these numbers?

80) 74 students went on a field trip. Three buses were filled and 5 students traveled in cars. How many students were in each bus?

81) Jill spent \$46.40 on a magazine and eight candy bars. If the magazine cost \$6.40 then how much was each candy bar?

82) Gabriella bought a magazine for \$2.49 and four erasers. She spent a total of \$19.93. How much did each eraser cost?

83) 225 students went on a field trip. Five buses were filled and 30 students traveled in cars. How many students were in each bus?

84) The sum of three consecutive even numbers is 78. What is the smallest of these numbers?

85) Totsakan had \$22.80 to spend on three pencils. After buying them he had \$15.30. How much did each pencil cost?

86) You had \$22.20 to spend on six advocados. After buying them you had \$2.40. How much did each avocado cost?

87) The sum of three consecutive numbers is 33. What is the smallest of these numbers?

88) Norachai bought a magazine for \$5.43 and two notepads. He spent a total of \$10.45. How much did each notepad cost?

89) The sum of three consecutive numbers is 45. What is the smallest of these numbers?

90) Lea rented a bike from Daniel's Bikes. It cost \$17.20 plus \$7.20 per hour. If Lea paid \$67.60 then she rented the bike for how many hours?

91) 211 students went on a field trip. Seven buses were filled and 29 students traveled in cars. How many students were in each bus?

92) Jimmy's Bikes rents bikes for \$19.06 plus \$4.12 per hour. Norachai paid \$52.02 to rent a bike. For how many hours did he rent the bike?

93) You had \$22.90 to spend on five raffle tickets. After buying them you had \$4.40. How much did each raffle ticket cost?

94) Wilbur rented a bike from Brenda's Bikes. It cost \$19 plus \$6.70 per hour. If Wilbur paid \$65.90 then he rented the bike for how many hours?

95) For a field trip 24 students rode in cars and the rest filled nine buses. How many students were in each bus if 393 students were on the trip?

96) For a field trip 16 students rode in cars and the rest filled six buses. How many students were in each bus if 286 students were on the trip?

97) Abhasra had \$23.40 to spend on seven pens. After buying them she had \$8.70. How much did each pen cost?

98) Beth bought a magazine for \$4.96 and two erasers. She spent a total of \$9.10. How much did each eraser cost?

- 99) For a field trip 18 students rode in cars and the rest filled ten buses. How many students were in each bus if 578 students were on the trip?
- 100) Gabriella had \$24.20 to spend on four notebooks. After buying them she had \$8.28. How much did each notebook cost?
- 101) Half of your baseball card collection got wet and was ruined. You bought 11 cards to replace some that were lost. How many did you begin with if you now have 29?
- 102) Sumalee spent half of her weekly allowance playing mini-golf. To earn more money her parents let her clean the oven for \$7.40. What is her weekly allowance if she ended with \$15.90?
- 103) Half of your baseball card collection got wet and was ruined. You bought 12 cards to replace some that were lost. How many did you begin with if you now have 42?
- 104) Arjun rented a bike from Asanji's Bikes. It cost \$10.80 plus \$6.40 per hour. If Arjun paid \$30 then he rented the bike for how many hours?
- 105) The sum of three consecutive even numbers is 90. What is the smallest of these numbers?
- 106) Natalie spent half of her weekly allowance playing mini-golf. To earn more money her parents let her clean the windows in the house for \$7.90. What is her weekly allowance if she ended with \$14.80?
- 107) Emily spent half of her weekly allowance playing arcade games. To earn more money her parents let her clean the windows in the house for \$6. What is her weekly allowance if she ended with \$13.80?
- 108) You had \$22.20 to spend on five raffle tickets. After buying them you had \$11.70. How much did each raffle ticket cost?
- 109) Jack had \$23.70 to spend on seven pencils. After buying them he had \$5.50. How much did each pencil cost?
- 110) Castel sold half of his comic books and then bought twelve more. He now has 39. With how many did he begin?
- 111) The sum of three consecutive numbers is 72. What is the smallest of these numbers?
- 112) Adam was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought five more. How many did he start with if he now has 16?

- 113) Jose spent half of his weekly allowance playing arcade games. To earn more money his parents let him wash the car for \$9.96. What is his weekly allowance if he ended with \$15.54?
- 114) Gabriella spent half of her weekly allowance playing mini-golf. To earn more money her parents let her wash the car for \$9.50. What is her weekly allowance if she ended with \$14.59?
- 115) Joe spent half of his weekly allowance on candy. To earn more money his parents let him wash the car for \$7.05. What is his weekly allowance if he ended with \$14.71?
- 116) Pranav spent half of his weekly allowance buying pizza. To earn more money his parents let him wash the dog for \$9.83. What is his weekly allowance if he ended with \$16.65?
- 117) Mofor spent \$20.90 on a magazine and some notepads. If the magazine cost \$4.90 and each notepad cost \$3.20 then how many notepads did he buy?
- 118) 449 students went on a field trip. Ten buses were filled and 9 students traveled in cars. How many students were in each bus?
- 119) Danielle spent half of her weekly allowance playing arcade games. To earn more money her parents let her weed the garden for \$8.70. What is her weekly allowance if she ended with \$13.50?
- 120) Kim sold half of her comic books and then bought thirteen more. She now has 42. With how many did she begin?
- 121) You had \$22.50 to spend on six pens. After buying them you had \$5.70. How much did each pen cost?
- 122) You bought a magazine for \$2.90 and six erasers. You spent a total of \$30.32. How much did each eraser cost?
- 123) Half of your baseball card collection got wet and was ruined. You bought 16 cards to replace some that were lost. How many did you begin with if you now have 29?
- 124) Imani's Bikes rents bikes for \$19 plus \$2.60 per hour. Darryl paid \$26.80 to rent a bike. For how many hours did he rent the bike?
- 125) Maria spent half of her weekly allowance at the movies. To earn more money her parents let her wash the car for \$8.80. What is her weekly allowance if she ended with \$15.90?
- 126) Half of your baseball card collection got wet and was ruined. You bought 14 cards to replace some that were lost. How many did you begin with if you now have 38?
- 127) The sum of three consecutive numbers is 33. What is the smallest of these numbers?
- 128) Jennifer rented a bike from Dan's Bikes. It cost \$16.36 plus \$7.85 per hour. If Jennifer paid \$79.16 then she rented the bike for how many hours?

- 129) Eugene spent half of his weekly allowance playing arcade games. To earn more money his parents let him weed the garden for \$5.30. What is his weekly allowance if he ended with \$11.40?
- 131) Kathryn spent half of her weekly allowance buying pizza. To earn more money her parents let her clean the windows in the house for \$6.20. What is her weekly allowance if she ended with \$15.10?
- 133) Sarawong spent \$19.50 on a magazine and seven notepads. If the magazine cost \$3.40 then how much was each notepad?
- 135) Kristin spent half of her weekly allowance playing mini-golf. To earn more money her parents let her wash the dog for \$4.20. What is her weekly allowance if she ended with \$9.20?
- 137) James sold half of his comic books and then bought twelve more. He now has 37. With how many did he begin?
- 139) Ashley rented a bike from Asanji's Bikes. It cost \$17.79 plus \$3.73 per hour. If Ashley paid \$43.90 then she rented the bike for how many hours?
- 141) Half of your baseball card collection got wet and was ruined. You bought 19 cards to replace some that were lost. How many did you begin with if you now have 33?
- 143) Nicole sold half of her comic books and then bought eleven more. She now has 34. With how many did she begin?
- 130) The sum of three consecutive odd numbers is 33. What is the smallest of these numbers?
- 132) Chelsea was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought nineteen more. How many did she start with if she now has 35?
- 134) Darryl spent half of his weekly allowance playing arcade games. To earn more money his parents let him mow the lawn for \$9.40. What is his weekly allowance if he ended with \$12.60?
- 136) The sum of three consecutive odd numbers is 45. What is the smallest of these numbers?
- 138) Elisa rented a bike from Kali's Bikes. It cost \$10.20 plus \$5.50 per hour. If Elisa paid \$32.20 then she rented the bike for how many hours?
- 140) Stefan's Bikes rents bikes for \$15.80 plus \$3.50 per hour. Huong paid \$22.80 to rent a bike. For how many hours did she rent the bike?
- 142) Mary sold half of her comic books and then bought nine more. She now has 25. With how many did she begin?
- 144) Asanji rented a bike from Chelsea's Bikes. It cost \$14.70 plus \$5.90 per hour. If Asanji paid \$56 then he rented the bike for how many hours?

- 145) Anjali spent half of her weekly allowance playing arcade games. To earn more money her parents let her clean the gutters for \$8.80. What is her weekly allowance if she ended with \$13.70?
- 146) Ted spent half of his weekly allowance playing mini-golf. To earn more money his parents let him clean the gutters for \$7.05. What is his weekly allowance if he ended with \$15.28?
- 147) Beth had \$24.60 to spend on eight pens. After buying them she had \$3. How much did each pen cost?
- 148) John bought a magazine for \$4.30 and eight notepads. He spent a total of \$21.90. How much did each notepad cost?
- 149) The sum of three consecutive odd numbers is 57. What is the smallest of these numbers?
- 150) Aliyah bought a magazine for \$5.52 and six notepads. She spent a total of \$29.70. How much did each notepad cost?
- 151) You had \$23.80 to spend on seven raffle tickets. After buying them you had \$0. How much did each raffle ticket cost?
- 152) Jose had \$21 to spend on six notebooks. After buying them he had \$1.80. How much did each notebook cost?
- 153) Aliyah sold half of her comic books and then bought four more. She now has 28. With how many did she begin?
- 154) You had \$23.78 to spend on three pencils. After buying them you had \$14.06. How much did each pencil cost?
- 155) Eugene sold half of his comic books and then bought nine more. He now has 30. With how many did he begin?
- 156) Elisa was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought five more. How many did she start with if she now has 30?
- 157) Kayla was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought twenty more. How many did she start with if she now has 43?
- 158) Willie was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought seven more. How many did he start with if he now has 27?
- 159) Amanda spent half of her weekly allowance on clothes. To earn more money her parents let her mow the lawn for \$4. What is her weekly allowance if she ended with \$13.90?
- 160) Danielle's Bikes rents bikes for \$12.87 plus \$5.51 per hour. Jack paid \$56.95 to rent a bike. For how many hours did he rent the bike?
- 161) Jack spent half of his weekly allowance buying pizza. To earn more money his parents let him mow the lawn for \$8.38. What is his weekly allowance if he ended with \$16.20?
- 162) Alberto spent half of his weekly allowance on clothes. To earn more money his parents let him mow the lawn for \$7.20. What is his weekly allowance if he ended with \$14.30?

- 163) Perry was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought twelve more. How many did he start with if he now has 29?
- 164) Shreya spent half of her weekly allowance playing arcade games. To earn more money her parents let her wash the car for \$4.70. What is her weekly allowance if she ended with \$12.80?
- 165) Kathryn was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought seventeen more. How many did she start with if she now has 30?
- 166) Mary sold half of her comic books and then bought sixteen more. She now has 28. With how many did she begin?
- 167) You bought a magazine for \$4.20 and some notepads for \$2.10 each. You spent a total of \$21. How many notepads did you buy?
- 168) Half of your baseball card collection got wet and was ruined. You bought 5 cards to replace some that were lost. How many did you begin with if you now have 28?
- 169) Half of your baseball card collection got wet and was ruined. You bought 9 cards to replace some that were lost. How many did you begin with if you now have 23?
- 170) Jasmine spent half of her weekly allowance at the movies. To earn more money her parents let her clean the oven for \$7.14. What is her weekly allowance if she ended with \$11.72?
- 171) Nicole spent half of her weekly allowance playing mini-golf. To earn more money her parents let her wash the car for \$4.74. What is her weekly allowance if she ended with \$11.95?
- 172) For a field trip 24 students rode in cars and the rest filled four buses. How many students were in each bus if 216 students were on the trip?
- 173) For a field trip 20 students rode in cars and the rest filled three buses. How many students were in each bus if 107 students were on the trip?
- 174) Shayna was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought sixteen more. How many did she start with if she now has 33?
- 175) Sumalee spent half of her weekly allowance buying pizza. To earn more money her parents let her clean the windows in the house for \$7.70. What is her weekly allowance if she ended with \$17.50?
- 176) Eugene spent half of his weekly allowance playing mini-golf. To earn more money his parents let him wash the car for \$6.65. What is his weekly allowance if he ended with \$11.24?
- 177) Stefan's Bikes rents bikes for \$15.30 plus \$6.40 per hour. Adam paid \$66.50 to rent a bike. For how many hours did he rent the bike?
- 178) You bought a magazine for \$3.80 and some candy bars for \$3.80 each. You spent a total of \$26.60. How many candy bars did you buy?

- 179) You bought a magazine for \$6.30 and six erasers. You spent a total of \$31.50. How much did each eraser cost?
- 181) 279 students went on a field trip. Nine buses were filled and 18 students traveled in cars. How many students were in each bus?
- 183) The sum of three consecutive even numbers is 72. What is the smallest of these numbers?
- 185) Anjali rented a bike from Mike's Bikes. It cost \$19.84 plus \$4.36 per hour. If Anjali paid \$37.28 then she rented the bike for how many hours?
- 187) Jaidee spent half of her weekly allowance playing arcade games. To earn more money her parents let her wash the dog for \$6.46. What is her weekly allowance if she ended with \$12.78?
- 189) Lea was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought eleven more. How many did she start with if she now has 21?
- 191) 303 students went on a field trip. Six buses were filled and 15 students traveled in cars. How many students were in each bus?
- 193) Kayla sold half of her comic books and then bought eighteen more. She now has 35. With how many did she begin?
- 180) Daniel's Bikes rents bikes for \$10.06 plus \$6.52 per hour. Brenda paid \$36.14 to rent a bike. For how many hours did she rent the bike?
- 182) John had \$21.20 to spend on three advocados. After buying them he had \$9.50. How much did each advocado cost?
- 184) Ndiba spent half of his weekly allowance at the movies. To earn more money his parents let him clean the oven for \$8.10. What is his weekly allowance if he ended with \$14.80?
- 186) Half of your baseball card collection got wet and was ruined. You bought 19 cards to replace some that were lost. How many did you begin with if you now have 37?
- 188) Half of your baseball card collection got wet and was ruined. You bought 12 cards to replace some that were lost. How many did you begin with if you now have 38?
- 190) Kim had \$22.10 to spend on eight notebooks. After buying them she had \$5.30. How much did each notebook cost?
- 192) Emily sold half of her comic books and then bought nineteen more. She now has 42. With how many did she begin?
- 194) Mei spent half of her weekly allowance on clothes. To earn more money her parents let her weed the garden for \$8.91. What is her weekly allowance if she ended with \$15.48?

- 195) For a field trip 30 students rode in cars and the rest filled three buses. How many students were in each bus if 99 students were on the trip?
- 196) 310 students went on a field trip. Nine buses were filled and 13 students traveled in cars. How many students were in each bus?
- 197) The sum of three consecutive odd numbers is 93. What is the smallest of these numbers?
- 198) You bought a magazine for \$2.47 and some erasers for \$3.13 each. You spent a total of \$18.12. How many erasers did you buy?
- 199) Carlos sold half of his comic books and then bought eight more. He now has 36. With how many did he begin?
- 200) Imani sold half of her comic books and then bought nine more. She now has 34. With how many did she begin?
- 201) Ryan had some candy to give to his five children. He first took seven pieces for himself and then evenly divided the rest among his children. Each child received two pieces. With how many pieces did he start?
- 202) On Tuesday Daniel bought nine boxes. On Wednesday half of all the boxes that he had were destroyed. On Thursday there were only 25 left. How many did he have on Monday?
- 203) 141 students went on a field trip. Six buses were filled and 9 students traveled in cars. How many students were in each bus?
- 204) Alberto had some candy to give to his five children. He first took five pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start?
- 205) Joe had some candy to give to his four children. He first took five pieces for himself and then evenly divided the rest among his children. Each child received two pieces. With how many pieces did he start?
- 206) Abhasra had some candy to give to her four children. She first took one piece for herself and then evenly divided the rest among her children. Each child received three pieces. With how many pieces did she start?
- 207) The sum of three consecutive odd numbers is 93. What is the smallest of these numbers?
- 208) Pranav spent half of his weekly allowance on clothes. To earn more money his parents let him weed the garden for \$7.70. What is his weekly allowance if he ended with \$11.60?
- 209) Kali had \$20.12 to spend on four advocados. After buying them she had \$11.16. How much did each avocado cost?

- 210) Huong had some candy to give to her three children. She first took three pieces for herself and then evenly divided the rest among her children. Each child received five pieces. With how many pieces did she start?
- 211) Asanji bought six hats. A week later half of all his hats were destroyed in a fire. There are now only 17 hats left. With how many did he start?
- 212) Aliyah spent half of her weekly allowance playing arcade games. To earn more money her parents let her weed the garden for \$5.85. What is her weekly allowance if she ended with \$14.83?
- 213) 354 students went on a field trip. Six buses were filled and 30 students traveled in cars. How many students were in each bus?
- 214) 497 students went on a field trip. Ten buses were filled and 27 students traveled in cars. How many students were in each bus?
- 215) You bought a magazine for \$3.80 and some candy bars for \$2 each. You spent a total of \$9.80. How many candy bars did you buy?
- 216) Carlos bought seven boxes. A week later half of all his boxes were destroyed in a fire. There are now only 23 boxes left. With how many did he start?
- 217) For a field trip 10 students rode in cars and the rest filled four buses. How many students were in each bus if 190 students were on the trip?
- 218) Lea bought nine posters. A week later half of all her posters were destroyed in a fire. There are now only 19 posters left. With how many did she start?
- 219) The sum of three consecutive odd numbers is 51. What is the smallest of these numbers?
- 220) Kathryn bought five CDs. A week later half of all her CDs were destroyed in a fire. There are now only 16 CDs left. With how many did she start?
- 221) Paul was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought eleven more. How many did he start with if he now has 36?
- 222) Lisa had \$21.77 to spend on six raffle tickets. After buying them she had \$1.13. How much did each raffle ticket cost?
- 223) For a field trip 30 students rode in cars and the rest filled ten buses. How many students were in each bus if 540 students were on the trip?
- 224) Alberto rented a bike from Ted's Bikes. It cost \$19 plus \$2.10 per hour. If Alberto paid \$31.60 then he rented the bike for how many hours?
- 225) Totsakan sold half of his comic books and then bought twenty more. He now has 37. With how many did he begin?

- 226) The sum of three consecutive odd numbers is 57. What is the smallest of these numbers?
- 227) Dan bought five hats. A week later half of all his hats were destroyed in a fire. There are now only 15 hats left. With how many did he start?
- 228) James bought four CDs. A week later half of all his CDs were destroyed in a fire. There are now only 21 CDs left. With how many did he start?
- 229) On Tuesday Paul bought ten hats. On Wednesday half of all the hats that he had were destroyed. On Thursday there were only 19 left. How many did he have on Monday?
- 230) Ashley had some candy to give to her three children. She first took five pieces for herself and then evenly divided the rest among her children. Each child received two pieces. With how many pieces did she start?
- 231) John bought five CDs. A week later half of all his CDs were destroyed in a fire. There are now only 20 CDs left. With how many did he start?
- 232) Ashley spent half of her weekly allowance playing mini-golf. To earn more money her parents let her clean the gutters for \$4.40. What is her weekly allowance if she ended with \$11.50?
- 233) Mary bought four boxes. A week later half of all her boxes were destroyed in a fire. There are now only 18 boxes left. With how many did she start?
- 234) For a field trip 20 students rode in cars and the rest filled five buses. How many students were in each bus if 190 students were on the trip?
- 235) Kayla was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought fourteen more. How many did she start with if she now has 29?
- 236) Mike was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought seventeen more. How many did he start with if he now has 41?
- 237) Adam had \$21.30 to spend on five advocados. After buying them he had \$8.80. How much did each advocado cost?
- 238) Imani spent half of her weekly allowance playing arcade games. To earn more money her parents let her clean the windows in the house for \$5.99. What is her weekly allowance if she ended with \$10.32?
- 239) Mary had some candy to give to her five children. She first took one pieces for herself and then evenly divided the rest among her children. Each child received three pieces. With how many pieces did she start?

- 240) Half of your baseball card collection got wet and was ruined. You bought 17 cards to replace some that were lost. How many did you begin with if you now have 40?
- 241) Alberto spent \$9.03 on a magazine and some erasers. If the magazine cost \$3.31 and each eraser cost \$2.86 then how many erasers did he buy?
- 242) Julio rented a bike from John's Bikes. It cost \$17 plus \$2.10 per hour. If Julio paid \$21.20 then he rented the bike for how many hours?
- 243) Arjun spent half of his weekly allowance buying pizza. To earn more money his parents let him clean the gutters for \$4.65. What is his weekly allowance if he ended with \$10.48?
- 244) Huong's Bikes rents bikes for \$19.90 plus \$4.50 per hour. Mei paid \$28.90 to rent a bike. For how many hours did she rent the bike?
- 245) John spent half of his weekly allowance at the movies. To earn more money his parents let him clean the oven for \$6.81. What is his weekly allowance if he ended with \$15.67?
- 246) Kim had \$22.09 to spend on eight notebooks. After buying them she had \$5.37. How much did each notebook cost?
- 247) Stephanie spent half of her weekly allowance playing arcade games. To earn more money her parents let her wash the car for \$9.60. What is her weekly allowance if she ended with \$14.20?
- 248) Julio had some candy to give to his three children. He first took one piece for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start?
- 249) Aliyah's Bikes rents bikes for \$18.93 plus \$3.61 per hour. Mei paid \$29.76 to rent a bike. For how many hours did she rent the bike?
- 250) On Tuesday Jill bought eight CDs. On Wednesday half of all the CDs that she had were destroyed. On Thursday there were only 22 left. How many did she have on Monday?
- 251) Darryl had some candy to give to his five children. He first took nine pieces for himself and then evenly divided the rest among his children. Each child received four pieces. With how many pieces did he start?
- 252) On Tuesday Sarawong bought ten boxes. On Wednesday half of all the boxes that he had were destroyed. On Thursday there were only 22 left. How many did he have on Monday?
- 253) Shreya spent half of her weekly allowance at the movies. To earn more money her parents let her clean the windows in the house for \$8.20. What is her weekly allowance if she ended with \$17.40?

- 254) Alberto rented a bike from Carlos' Bikes. It cost \$17.35 plus \$7.07 per hour. If Alberto paid \$31.49 then he rented the bike for how many hours?
- 255) For a field trip 21 students rode in cars and the rest filled ten buses. How many students were in each bus if 331 students were on the trip?
- 256) Ryan bought nine CDs. A week later half of all his CDs were destroyed in a fire. There are now only 21 CDs left. With how many did he start?
- 257) Alberto bought four CDs. A week later half of all his CDs were destroyed in a fire. There are now only 16 CDs left. With how many did he start?
- 258) You had \$24.48 to spend on three notebooks. After buying them you had \$16.47. How much did each notebook cost?
- 259) You had \$21.40 to spend on four notebooks. After buying them you had \$9.00. How much did each notebook cost?
- 260) The sum of three consecutive odd numbers is 87. What is the smallest of these numbers?
- 261) For a field trip 24 students rode in cars and the rest filled six buses. How many students were in each bus if 264 students were on the trip?
- 262) Ted spent half of his weekly allowance playing mini-golf. To earn more money his parents let him clean the oven for \$7.17. What is his weekly allowance if he ended with \$15.54?
- 263) Imani spent \$18.50 on a magazine and some erasers. If the magazine cost \$6.50 and each eraser cost \$4 then how many erasers did she buy?
- 264) Castel spent half of his weekly allowance on candy. To earn more money his parents let him clean the windows in the house for \$8.77. What is his weekly allowance if he ended with \$12.72?
- 265) Half of your baseball card collection got wet and was ruined. You bought 17 cards to replace some that were lost. How many did you begin with if you now have 47?
- 266) Paul spent \$12.51 on a magazine and some candy bars. If the magazine cost \$2.83 and each candy bar cost \$4.84 then how many candy bars did he buy?
- 267) Mary had some candy to give to her four children. She first took three pieces for herself and then evenly divided the rest among her children. Each child received four pieces. With how many pieces did she start?
- 268) Kim had some candy to give to her four children. She first took ten pieces for herself and then evenly divided the rest among her children. Each child received three pieces. With how many pieces did she start?
- 269) Half of your baseball card collection got wet and was ruined. You bought 15 cards to replace some that were lost. How many did you begin with if you now have 35?

- 270) You had \$23.60 to spend on seven pencils. After buying them you had \$0.50. How much did each pencil cost?
- 271) Daniel bought four CDs. A week later half of all his CDs were destroyed in a fire. There are now only 19 CDs left. With how many did he start?
- 272) Julia had some candy to give to her five children. She first took three pieces for herself and then evenly divided the rest among her children. Each child received two pieces. With how many pieces did she start?
- 273) Lea had \$24.60 to spend on four raffle tickets. After buying them she had \$13.80. How much did each raffle ticket cost?
- 274) Aliyah spent half of her weekly allowance playing arcade games. To earn more money her parents let her clean the gutters for \$6.80. What is her weekly allowance if she ended with \$16.60?
- 275) Anjali sold half of her comic books and then bought seven more. She now has 21. With how many did she begin?
- 276) Natalie spent half of her weekly allowance on candy. To earn more money her parents let her wash the dog for \$6. What is her weekly allowance if she ended with \$15.60?
- 277) Gabriella's Bikes rents bikes for \$11.90 plus \$2.70 per hour. Ryan paid \$33.50 to rent a bike. For how many hours did he rent the bike?
- 278) Emily bought seven posters. A week later half of all her posters were destroyed in a fire. There are now only 14 posters left. With how many did she start?
- 279) On Tuesday Ming bought five hats. On Wednesday half of all the hats that she had were destroyed. On Thursday there were only 22 left. How many did she have on Monday?
- 280) On Tuesday Huong bought four boxes. On Wednesday half of all the boxes that she had were destroyed. On Thursday there were only 14 left. How many did she have on Monday?
- 281) Shawna had some candy to give to her five children. She first took seven pieces for herself and then evenly divided the rest among her children. Each child received four pieces. With how many pieces did she start?
- 282) Half of your baseball card collection got wet and was ruined. You bought 20 cards to replace some that were lost. How many did you begin with if you now have 33?
- 283) Half of your baseball card collection got wet and was ruined. You bought 16 cards to replace some that were lost. How many did you begin with if you now have 44?
- 284) You had \$21.95 to spend on two advocados. After buying them you had \$15.81. How much did each advocado cost?
- 285) Ashley sold half of her comic books and then bought five more. She now has 29. With how many did she begin?

- 286) Shanice had \$21.10 to spend on two raffle tickets. After buying them she had \$15.90. How much did each raffle ticket cost?
- 287) Jose bought seven CDs. A week later half of all his CDs were destroyed in a fire. There are now only 21 CDs left. With how many did he start?
- 288) The sum of three consecutive numbers is 39. What is the smallest of these numbers?
- 289) Micaela had some candy to give to her three children. She first took four pieces for herself and then evenly divided the rest among her children. Each child received four pieces. With how many pieces did she start?
- 290) Ndiba had \$23.79 to spend on three pencils. After buying them he had \$12.45. How much did each pencil cost?
- 291) Half of your baseball card collection got wet and was ruined. You bought 19 cards to replace some that were lost. How many did you begin with if you now have 44?
- 292) Aliyah was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought thirteen more. How many did she start with if she now has 37?
- 293) Sarawong had some candy to give to his four children. He first took seven pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start?
- 294) For a field trip 4 students rode in cars and the rest filled eight buses. How many students were in each bus if 412 students were on the trip?
- 295) Dan had some candy to give to his four children. He first took four pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start?
- 296) Kayla had some candy to give to her five children. She first took eight pieces for herself and then evenly divided the rest among her children. Each child received two pieces. With how many pieces did she start?
- 297) 313 students went on a field trip. Eight buses were filled and 17 students traveled in cars. How many students were in each bus?
- 298) You had \$21.61 to spend on three advocados. After buying them you had \$15.52. How much did each avocado cost?
- 299) Matt bought a magazine for \$3.89 and three erasers. He spent a total of \$10.73. How much did each eraser cost?

- 300) John was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought six more. How many did he start with if he now has 23?
- 301) Cody was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought seven more. How many did he start with if he now has 30?
- 302) Lisa wanted to make note cards by cutting pieces of paper in half. Before starting she got five more pieces to use. When she was done she had 22 half-pieces of paper. With how many pieces did she start?
- 303) Chelsea spent half of her weekly allowance playing arcade games. To earn more money her parents let her weed the garden for \$9.70. What is her weekly allowance if she ended with \$19.60?
- 304) You had \$23.37 to spend on five pencils. After buying them you had \$3.52. How much did each pencil cost?
- 305) Half of your baseball card collection got wet and was ruined. You bought 4 cards to replace some that were lost. How many did you begin with if you now have 34?
- 306) You bought a magazine for \$3.06 and some erasers for \$4.42 each. You spent a total of \$20.74. How many erasers did you buy?
- 307) Chelsea spent \$20.20 on a magazine and some erasers. If the magazine cost \$5.20 and each eraser cost \$3 then how many erasers did she buy?
- 308) Joe rented a bike from Mary's Bikes. It cost \$11.64 plus \$5.95 per hour. If Joe paid \$47.34 then he rented the bike for how many hours?
- 309) DeShawn wanted to make note cards by cutting pieces of paper in half. Before starting he got three more pieces to use. When he was done he had 16 half-pieces of paper. With how many pieces did he start?
- 310) You bought a magazine for \$4 and seven notepads. You spent a total of \$25. How much did each notepad cost?
- 311) Gabriella wanted to make note cards by cutting pieces of paper in half. Before starting she got six more pieces to use. When she was done she had 26 half-pieces of paper. With how many pieces did she start?
- 312) 473 students went on a field trip. Eight buses were filled and 17 students traveled in cars. How many students were in each bus?
- 313) For a field trip 7 students rode in cars and the rest filled three buses. How many students were in each bus if 115 students were on the trip?
- 314) Half of your baseball card collection got wet and was ruined. You bought 6 cards to replace some that were lost. How many did you begin with if you now have 28?
- 315) Natalie spent \$25 on a magazine and six erasers. If the magazine cost \$7 then how much was each eraser?

- 316) Jenny spent half of her weekly allowance at the movies. To earn more money her parents let her clean the windows in the house for \$8.30. What is her weekly allowance if she ended with \$11.60?
- 317) The Cooking Club made some pies to sell during lunch to raise money for an end-of-year banquet. The cafeteria contributed three pies to the club. Each pie was then cut into four pieces and sold. There were a total of 52 pieces to sell. How many pies did the club make?
- 318) On Tuesday Lea bought seven hats. On Wednesday half of all the hats that she had were destroyed. On Thursday there were only 23 left. How many did she have on Monday?
- 319) Mei wanted to make note cards by cutting pieces of paper in half. Before starting she got five more pieces to use. When she was done she had 24 half-pieces of paper. With how many pieces did she start?
- 320) You bought a magazine for \$4.10 and some notepads for \$4.90 each. You spent a total of \$38.40. How many notepads did you buy?
- 321) Dan had some paper with which to make note cards. On his way to his room he found seven more pieces to use. In his room he cut each piece of paper in half. When he was done he had 34 half-pieces of paper. With how many sheets of paper did he start?
- 322) Ndiba bought nine CDs. A week later half of all his CDs were destroyed in a fire. There are now only 16 CDs left. With how many did he start?
- 323) Pranav had some paper with which to make note cards. On his way to his room he found seven more pieces to use. In his room he cut each piece of paper in half. When he was done he had 20 half-pieces of paper. With how many sheets of paper did he start?
- 324) Kristin had some candy to give to her five children. She first took three pieces for herself and then evenly divided the rest among her children. Each child received two pieces. With how many pieces did she start?
- 325) Heather had some candy to give to her five children. She first took two pieces for herself and then evenly divided the rest among her children. Each child received five pieces. With how many pieces did she start?
- 326) Gabriella spent half of her weekly allowance buying pizza. To earn more money her parents let her mow the lawn for \$6. What is her weekly allowance if she ended with \$9.20?
- 327) Ted had some paper with which to make note cards. On his way to his room he found two more pieces to use. In his room he cut each piece of paper in half. When he was done he had 12 half-pieces of paper. With how many sheets of paper did he start?

- 328) Wilbur wanted to make note cards by cutting pieces of paper in half. Before starting he got four more pieces to use. When he was done he had 20 half-pieces of paper. With how many pieces did he start?
- 329) Jessica spent half of her weekly allowance playing mini-golf. To earn more money her parents let her clean the gutters for \$4.80. What is her weekly allowance if she ended with \$14.30?
- 330) Shreya spent half of her weekly allowance playing arcade games. To earn more money her parents let her clean the windows in the house for \$9.70. What is her weekly allowance if she ended with \$18.90?
- 331) Krystal bought five posters. A week later half of all her posters were destroyed in a fire. There are now only 20 posters left. With how many did she start?
- 332) The Cooking Club made some pies to sell at a basketball game to raise money for the new math books. The cafeteria contributed four pies to the sale. Each pie was then cut into eight pieces and sold. There were a total of 96 pieces to sell. How many pies did the club make?
- 333) For a field trip 21 students rode in cars and the rest filled four buses. How many students were in each bus if 245 students were on the trip?
- 334) You had \$21.80 to spend on five pencils. After buying them you had \$5.80. How much did each pencil cost?
- 335) Asanji spent half of his weekly allowance at the movies. To earn more money his parents let him weed the garden for \$6.79. What is his weekly allowance if he ended with \$11.19?
- 336) Heather was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought thirteen more. How many did she start with if she now has 24?
- 337) Abhasra had some candy to give to her five children. She first took three pieces for herself and then evenly divided the rest among her children. Each child received four pieces. With how many pieces did she start?
- 338) Micaela bought four boxes. A week later half of all her boxes were destroyed in a fire. There are now only 16 boxes left. With how many did she start?
- 339) Ming's Bikes rents bikes for \$17.10 plus \$6 per hour. Ryan paid \$35.10 to rent a bike. For how many hours did he rent the bike?
- 340) Mark sold half of his comic books and then bought five more. He now has 27. With how many did he begin?
- 341) Carlos rented a bike from Micaela's Bikes. It cost \$18.50 plus \$5.10 per hour. If Carlos paid \$28.70 then he rented the bike for how many hours?

- 342) James bought eight posters. A week later half of all his posters were destroyed in a fire. There are now only 15 posters left. With how many did he start?
- 343) Cody sold half of his comic books and then bought nine more. He now has 19. With how many did he begin?
- 344) Eduardo spent half of his weekly allowance playing arcade games. To earn more money his parents let him clean the oven for \$5.70. What is his weekly allowance if he ended with \$10.90?
- 345) Kali bought nine hats. A week later half of all her hats were destroyed in a fire. There are now only 19 hats left. With how many did she start?
- 346) Mark spent half of his weekly allowance on candy. To earn more money his parents let him clean the gutters for \$9.80. What is his weekly allowance if he ended with \$18.60?
- 347) Shanice had \$20.05 to spend on two raffle tickets. After buying them she had \$12.11. How much did each raffle ticket cost?
- 348) The Cooking Club made some pies to sell during lunch to raise money for an end-of-year banquet. The cafeteria contributed three pies to the club. Each pie was then cut into four pieces and sold. There were a total of 48 pieces to sell. How many pies did the club make?
- 349) The Cooking Club made some pies to sell during lunch to raise money for a field trip. The cafeteria helped by donating four pies to the club. Each pie was then cut into four pieces and sold. There were a total of 52 pieces to sell. How many pies did the club make?
- 350) Krystal had \$21.04 to spend on three pens. After buying them she had \$14.29. How much did each pen cost?
- 351) Darryl spent half of his weekly allowance playing mini-golf. To earn more money his parents let him weed the garden for \$7.07. What is his weekly allowance if he ended with \$10.84?
- 352) You had \$24 to spend on three notebooks. After buying them you had \$14.34. How much did each notebook cost?
- 353) Gabriella rented a bike from Trevon's Bikes. It cost \$16 plus \$2.90 per hour. If Gabriella paid \$21.80 then she rented the bike for how many hours?
- 354) The Cooking Club made some pies to sell at a basketball game to raise money for the new math books. The cafeteria contributed two pies to the sale. Each pie was then cut into seven pieces and sold. There were a total of 84 pieces to sell. How many pies did the club make?
- 355) Ndiba bought eight CDs. A week later half of all his CDs were destroyed in a fire. There are now only 23 CDs left. With how many did he start?

- 356) Ndiba wanted to make note cards by cutting pieces of paper in half. Before starting he got seven more pieces to use. When he was done he had 24 half-pieces of paper. With how many pieces did he start?
- 357) Jimmy had some paper with which to make note cards. On his way to his room he found seven more pieces to use. In his room he cut each piece of paper in half. When he was done he had 32 half-pieces of paper. With how many sheets of paper did he start?
- 358) You had \$23.56 to spend on five pens. After buying them you had \$5.76. How much did each pen cost?
- 359) Carlos bought eight CDs. A week later half of all his CDs were destroyed in a fire. There are now only 17 CDs left. With how many did he start?
- 360) The Cooking Club made some pies to sell during lunch to raise money for an end-of-year banquet. The cafeteria contributed two pies to the club. Each pie was then cut into six pieces and sold. There were a total of 42 pieces to sell. How many pies did the club make?
- 361) Sumalee's Bikes rents bikes for \$14.70 plus \$3.60 per hour. Amanda paid \$43.50 to rent a bike. For how many hours did she rent the bike?
- 362) Kathryn bought nine hats. A week later half of all her hats were destroyed in a fire. There are now only 14 hats left. With how many did she start?
- 363) Shayna had \$23.80 to spend on three raffle tickets. After buying them she had \$14.20. How much did each raffle ticket cost?
- 364) Julio spent half of his weekly allowance playing arcade games. To earn more money his parents let him clean the windows in the house for \$4.80. What is his weekly allowance if he ended with \$12.30?
- 365) Ming spent half of her weekly allowance playing arcade games. To earn more money her parents let her mow the lawn for \$9.30. What is her weekly allowance if she ended with \$15.80?
- 366) The sum of three consecutive numbers is 33. What is the smallest of these numbers?
- 367) Lisa's Bikes rents bikes for \$12.71 plus \$7.65 per hour. Abhasra paid \$66.26 to rent a bike. For how many hours did she rent the bike?
- 368) Wilbur had some candy to give to his five children. He first took two pieces for himself and then evenly divided the rest among his children. Each child received three pieces. With how many pieces did he start?
- 369) Mei had some paper with which to make note cards. On her way to her room she found seven more pieces to use. In her room she cut each piece of paper in half. When she was done she had 28 half-pieces of paper. With how many sheets of paper did she start?

- 370) Shawna spent half of her weekly allowance on clothes. To earn more money her parents let her clean the oven for \$6.65. What is her weekly allowance if she ended with \$14.46?
- 371) Ming spent half of her weekly allowance playing mini-golf. To earn more money her parents let her weed the garden for \$8.50. What is her weekly allowance if she ended with \$12.70?
- 372) You had \$24.30 to spend on two pencils. After buying them you had \$17.10. How much did each pencil cost?
- 373) Lea spent half of her weekly allowance buying pizza. To earn more money her parents let her wash the car for \$5.70. What is her weekly allowance if she ended with \$11.50?
- 374) Lea spent half of her weekly allowance buying pizza. To earn more money her parents let her wash the dog for \$4.10. What is her weekly allowance if she ended with \$10.90?
- 375) Chelsea sold half of her comic books and then bought eleven more. She now has 23. With how many did she begin?
- 376) Eduardo had some candy to give to his three children. He first took one pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start?
- 377) On Tuesday Mofor bought ten CDs. On Wednesday half of all the CDs that he had were destroyed. On Thursday there were only 15 left. How many did he have on Monday?
- 378) Kayla had some paper with which to make note cards. On her way to her room she found four more pieces to use. In her room she cut each piece of paper in half. When she was done she had 22 half-pieces of paper. With how many sheets of paper did she start?
- 379) Heather had some candy to give to her five children. She first took nine pieces for herself and then evenly divided the rest among her children. Each child received three pieces. With how many pieces did she start?
- 380) Joe had some candy to give to his four children. He first took ten pieces for himself and then evenly divided the rest among his children. Each child received two pieces. With how many pieces did he start?
- 381) The Cooking Club made some pies to sell during lunch to raise money for a field trip. The cafeteria helped by donating two pies to the club. Each pie was then cut into four pieces and sold. There were a total of 36 pieces to sell. How many pies did the club make?

- 382) Daniel had some candy to give to his five children. He first took six pieces for himself and then evenly divided the rest among his children. Each child received two pieces. With how many pieces did he start?
- 383) Eduardo was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought sixteen more. How many did he start with if he now has 46?
- 384) Danielle sold half of her comic books and then bought ten more. She now has 21. With how many did she begin?
- 385) Joe wanted to make note cards by cutting pieces of paper in half. Before starting he got five more pieces to use. When he was done he had 26 half-pieces of paper. With how many pieces did he start?
- 386) Eduardo spent half of his weekly allowance buying pizza. To earn more money his parents let him mow the lawn for \$7.76. What is his weekly allowance if he ended with \$16.10?
- 387) Ryan spent half of his weekly allowance playing mini-golf. To earn more money his parents let him weed the garden for \$7.39. What is his weekly allowance if he ended with \$16.04?
- 388) Jimmy had some paper with which to make note cards. On his way to his room he found four more pieces to use. In his room he cut each piece of paper in half. When he was done he had 14 half-pieces of paper. With how many sheets of paper did he start?
- 389) Stefan spent half of his weekly allowance playing mini-golf. To earn more money his parents let him mow the lawn for \$9.50. What is his weekly allowance if he ended with \$13.60?
- 390) On Tuesday James bought six boxes. On Wednesday half of all the boxes that he had were destroyed. On Thursday there were only 21 left. How many did he have on Monday?
- 391) Mike bought eight boxes. A week later half of all his boxes were destroyed in a fire. There are now only 20 boxes left. With how many did he start?
- 392) Jaidee bought a magazine for \$4.30 and three notepads. She spent a total of \$16. How much did each notepad cost?
- 393) The Cooking Club made some pies to sell during lunch to raise money for a field trip. The cafeteria helped by donating two pies to the club. Each pie was then cut into seven pieces and sold. There were a total of 56 pieces to sell. How many pies did the club make?

- 394) Anjali had some paper with which to make note cards. On her way to her room she found three more pieces to use. In her room she cut each piece of paper in half. When she was done she had 26 half-pieces of paper. With how many sheets of paper did she start?
- 395) The Cooking Club made some pies to sell during lunch to raise money for an end-of-year banquet. The cafeteria contributed two pies to the club. Each pie was then cut into eight pieces and sold. There were a total of 72 pieces to sell. How many pies did the club make?
- 396) Eduardo had some candy to give to his five children. He first took seven pieces for himself and then evenly divided the rest among his children. Each child received three pieces. With how many pieces did he start?
- 397) Chelsea spent half of her weekly allowance on clothes. To earn more money her parents let her mow the lawn for \$8. What is her weekly allowance if she ended with \$12.70?
- 398) Jacob wanted to make note cards by cutting pieces of paper in half. Before starting he got six more pieces to use. When he was done he had 30 half-pieces of paper. With how many pieces did he start?
- 399) Kayla had \$21.80 to spend on four notebooks. After buying them she had \$9.40. How much did each notebook cost?
- 400) You bought a magazine for \$4.30 and some notepads for \$3.70 each. You spent a total of \$26.50. How many notepads did you buy?
- 401) Molly spent half of her weekly allowance on clothes. To earn more money her parents let her clean the windows in the house for \$4.56. What is her weekly allowance if she ended with \$13.83?
- 402) Half of your baseball card collection got wet and was ruined. You bought 6 cards to replace some that were lost. How many did you begin with if you now have 27?
- 403) Sarawong bought five boxes. A week later half of all his boxes were destroyed in a fire. There are now only 22 boxes left. With how many did he start?
- 404) Pranav had some paper with which to make note cards. On his way to his room he found five more pieces to use. In his room he cut each piece of paper in half. When he was done he had 24 half-pieces of paper. With how many sheets of paper did he start?
- 405) The Cooking Club made some pies to sell at a basketball game to raise money for the new math books. The cafeteria contributed three pies to the sale. Each pie was then cut into seven pieces and sold. There were a total of 84 pieces to sell. How many pies did the club make?
- 406) The sum of three consecutive even numbers is 54. What is the smallest of these numbers?
- 407) Shanice bought six boxes. A week later half of all her boxes were destroyed in a fire. There are now only 21 boxes left. With how many did she start?

- 408) Julia won 45 lollipops playing basketball at the county fair. At school she gave three to every student in her math class. She only has 3 remaining. How many students are in her class?
- 409) The Cooking Club made some pies to sell at a basketball game to raise money for the new math books. The cafeteria contributed two pies to the sale. Each pie was then cut into eight pieces and sold. There were a total of 96 pieces to sell. How many pies did the club make?
- 410) How old am I if 300 reduced by 3 times my age is 93?
- 411) The Cooking Club made some pies to sell during lunch to raise money for an end-of-year banquet. The cafeteria contributed four pies to the club. Each pie was then cut into eight pieces and sold. There were a total of 80 pieces to sell. How many pies did the club make?
- 412) Mofor spent half of his weekly allowance playing mini-golf. To earn more money his parents let him wash the car for \$9.10. What is his weekly allowance if he ended with \$13.10?
- 413) Daniel spent half of his weekly allowance on clothes. To earn more money his parents let him wash the dog for \$7.78. What is his weekly allowance if he ended with \$16.56?
- 414) Anjali won 60 pieces of gum playing basketball at her school's game night. Later, she gave two to each of her friends. She only has 6 remaining. How many friends does she have?
- 415) You had \$22.20 to spend on seven raffle tickets. After buying them you had \$2.18. How much did each raffle ticket cost?
- 416) Krystal had some candy to give to her five children. She first took nine pieces for herself and then evenly divided the rest among her children. Each child received three pieces. With how many pieces did she start?
- 417) Darryl won 86 super bouncy balls playing the bean bag toss at his school's game night. Later, he gave three to each of his friends. He only has 2 remaining. How many friends does he have?
- 418) Jessica had some candy to give to her three children. She first took nine pieces for herself and then evenly divided the rest among her children. Each child received two pieces. With how many pieces did she start?
- 419) Lisa spent half of her weekly allowance at the movies. To earn more money her parents let her mow the lawn for \$6.06. What is her weekly allowance if she ended with \$14.34?
- 420) You had \$23.40 to spend on six notebooks. After buying them you had \$9. How much did each notebook cost?

- 421) Julia had some candy to give to her three children. She first took four pieces for herself and then evenly divided the rest among her children. Each child received two pieces. With how many pieces did she start?
- 422) Lea spent half of her weekly allowance at the movies. To earn more money her parents let her clean the gutters for \$4.52. What is her weekly allowance if she ended with \$8.91?
- 423) A wise man once said, "500 reduced by twice my age is 376." What is his age?
- 424) Darryl was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought nine more. How many did he start with if he now has 38?
- 425) Rob bought eight boxes. A week later half of all his boxes were destroyed in a fire. There are now only 13 boxes left. With how many did he start?
- 426) Mei's Bikes rents bikes for \$10.06 plus \$7.52 per hour. Kristin paid \$40.14 to rent a bike. For how many hours did she rent the bike?
- 427) The Cooking Club made some pies to sell during lunch to raise money for a field trip. The cafeteria helped by donating two pies to the club. Each pie was then cut into seven pieces and sold. There were a total of 77 pieces to sell. How many pies did the club make?
- 428) The Cooking Club made some pies to sell during lunch to raise money for a field trip. The cafeteria helped by donating four pies to the club. Each pie was then cut into four pieces and sold. There were a total of 40 pieces to sell. How many pies did the club make?
- 429) Julia sold half of her comic books and then bought fifteen more. She now has 30. With how many did she begin?
- 430) Eugene had some candy to give to his three children. He first took three pieces for himself and then evenly divided the rest among his children. Each child received two pieces. With how many pieces did he start?
- 431) Half of your baseball card collection got wet and was ruined. You bought 13 cards to replace some that were lost. How many did you begin with if you now have 36?
- 432) Krystal had \$24.80 to spend on seven raffle tickets. After buying them she had \$10.10. How much did each raffle ticket cost?
- 433) Joe wanted to make note cards by cutting pieces of paper in half. Before starting he got five more pieces to use. When he was done he had 30 half-pieces of paper. With how many pieces did he start?
- 434) Jenny won 67 pieces of gum playing horseshoes at her school's game night. Later, she gave two to each of her friends. She only has 9 remaining. How many friends does she have?

- 435) Willie wanted to make note cards by cutting pieces of paper in half. Before starting he got four more pieces to use. When he was done he had 24 half-pieces of paper. With how many pieces did he start?
- 436) Jose had some candy to give to his three children. He first took six pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start?
- 437) Imani spent half of her weekly allowance playing mini-golf. To earn more money her parents let her weed the garden for \$6.10. What is her weekly allowance if she ended with \$14.30?
- 438) The Cooking Club made some pies to sell during lunch to raise money for an end-of-year banquet. The cafeteria contributed four pies to the club. Each pie was then cut into eight pieces and sold. There were a total of 96 pieces to sell. How many pies did the club make?
- 439) Anjali wanted to make note cards by cutting pieces of paper in half. Before starting she got six more pieces to use. When she was done she had 26 half-pieces of paper. With how many pieces did she start?
- 440) Gabriella won 77 pieces of gum playing horseshoes at the county fair. At school she gave three to every student in her math class. She only has 5 remaining. How many students are in her class?
- 441) Eduardo won 50 super bouncy balls playing hoops at the county fair. At school he gave two to every student in his math class. He only has 6 remaining. How many students are in his class?
- 442) Half of your baseball card collection got wet and was ruined. You bought 13 cards to replace some that were lost. How many did you begin with if you now have 37?
- 443) Carlos won 86 super bouncy balls playing horseshoes at the county fair. At school he gave four to every student in his math class. He only has 2 remaining. How many students are in his class?
- 444) Jaidee spent half of her weekly allowance playing arcade games. To earn more money her parents let her clean the oven for \$6.70. What is her weekly allowance if she ended with \$12.60?
- 445) The Cooking Club made some pies to sell at a basketball game to raise money for the new math books. The cafeteria contributed two pies to the sale. Each pie was then cut into six pieces and sold. There were a total of 42 pieces to sell. How many pies did the club make?
- 446) Asanji spent half of his weekly allowance playing arcade games. To earn more money his parents let him clean the gutters for \$8.60. What is his weekly allowance if he ended with \$12.30?
- 447) Amy spent half of her weekly allowance playing mini-golf. To earn more money her parents let her clean the oven for \$4.60. What is her weekly allowance if she ended with \$13.30?
- 448) Trevon spent half of his weekly allowance buying pizza. To earn more money his parents let him weed the garden for \$9.91. What is his weekly allowance if he ended with \$17.74?

- 449) You had \$24.50 to spend on four pencils. After buying them you had \$12.90. How much did each pencil cost?
- 451) Lea wanted to make note cards by cutting pieces of paper in half. Before starting she got two more pieces to use. When she was done she had 16 half-pieces of paper. With how many pieces did she start?
- 453) You bought a magazine for \$7 and four notepads. You spent a total of \$26.20. How much did each notepad cost?
- 455) James sold half of his comic books and then bought seven more. He now has 26. With how many did he begin?
- 457) Arjun had some candy to give to his four children. He first took seven pieces for himself and then evenly divided the rest among his children. Each child received two pieces. With how many pieces did he start?
- 459) Mike spent half of his weekly allowance on clothes. To earn more money his parents let him wash the dog for \$8. What is his weekly allowance if he ended with \$12.40?
- 461) Perry had some candy to give to his three children. He first took one piece for himself and then evenly divided the rest among his children. Each child received two pieces. With how many pieces did he start?
- 450) Half of your baseball card collection got wet and was ruined. You bought 18 cards to replace some that were lost. How many did you begin with if you now have 35?
- 452) Perry spent half of his weekly allowance playing mini-golf. To earn more money his parents let him clean the gutters for \$5.66. What is his weekly allowance if he ended with \$9.34?
- 454) For a field trip 15 students rode in cars and the rest filled six buses. How many students were in each bus if 291 students were on the trip?
- 456) Asanji bought seven posters. A week later half of all his posters were destroyed in a fire. There are now only 12 posters left. With how many did he start?
- 458) Half of your baseball card collection got wet and was ruined. You bought 4 cards to replace some that were lost. How many did you begin with if you now have 22?
- 460) Ashley had some paper with which to make note cards. On her way to her room she found three more pieces to use. In her room she cut each piece of paper in half. When she was done she had 18 half-pieces of paper. With how many sheets of paper did she start?
- 462) 603 students went on a field trip. Ten buses were filled and 23 students traveled in cars. How many students were in each bus?

- 463) Joe had some candy to give to his four children. He first took two pieces for himself and then evenly divided the rest among his children. Each child received three pieces. With how many pieces did he start?
- 464) Stephanie had some candy to give to her four children. She first took two pieces for herself and then evenly divided the rest among her children. Each child received four pieces. With how many pieces did she start?
- 465) The Cooking Club made some pies to sell at a basketball game to raise money for the new math books. The cafeteria contributed four pies to the sale. Each pie was then cut into eight pieces and sold. There were a total of 104 pieces to sell. How many pies did the club make?
- 466) Julio had some candy to give to his three children. He first took four pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start?
- 467) Jacob wanted to make note cards by cutting pieces of paper in half. Before starting he got six more pieces to use. When he was done he had 28 half-pieces of paper. With how many pieces did he start?
- 468) Jimmy spent half of his weekly allowance buying pizza. To earn more money his parents let him mow the lawn for \$6.90. What is his weekly allowance if he ended with \$15.70?
- 469) Mofor sold half of his comic books and then bought eleven more. He now has 33. With how many did he begin?
- 470) Darryl won 97 pieces of gum playing horseshoes at his school's game night. Later, he gave three to each of his friends. He only has 7 remaining. How many friends does he have?
- 471) Aliyah wanted to make note cards by cutting pieces of paper in half. Before starting she got two more pieces to use. When she was done she had 14 half-pieces of paper. With how many pieces did she start?
- 472) Krystal had some candy to give to her three children. She first took seven pieces for herself and then evenly divided the rest among her children. Each child received five pieces. With how many pieces did she start?
- 473) The Cooking Club made some pies to sell during lunch to raise money for an end-of-year banquet. The cafeteria contributed four pies to the club. Each pie was then cut into seven pieces and sold. There were a total of 70 pieces to sell. How many pies did the club make?
- 474) How old am I if 400 reduced by 4 times my age is 92?

- 475) Castel had some candy to give to his five children. He first took eight pieces for himself and then evenly divided the rest among his children. Each child received three pieces. With how many pieces did he start?
- 476) Beth wanted to make note cards by cutting pieces of paper in half. Before starting she got three more pieces to use. When she was done she had 12 half-pieces of paper. With how many pieces did she start?
- 477) How old am I if 500 reduced by 3 times my age is 263?
- 478) Eduardo won 116 lollipops playing basketball at his school's game night. Later, he gave four to each of his friends. He only has 8 remaining. How many friends does he have?
- 479) A wise man once said, "500 reduced by 4 times my age is 144." What is his age?
- 480) Paul sold half of his comic books and then bought eight more. He now has 27. With how many did he begin?
- 481) The sum of three consecutive odd numbers is 45. What is the smallest of these numbers?
- 482) Jack had some candy to give to his three children. He first took two pieces for himself and then evenly divided the rest among his children. Each child received two pieces. With how many pieces did he start?
- 483) For a field trip 30 students rode in cars and the rest filled six buses. How many students were in each bus if 306 students were on the trip?
- 484) Nicole spent half of her weekly allowance buying pizza. To earn more money her parents let her clean the windows in the house for \$4.80. What is her weekly allowance if she ended with \$8.30?
- 485) Jasmine spent half of her weekly allowance on clothes. To earn more money her parents let her clean the gutters for \$4. What is her weekly allowance if she ended with \$12.50?
- 486) Nicole was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought five more. How many did she start with if she now has 24?
- 487) Kim had some paper with which to make note cards. On her way to her room she found two more pieces to use. In her room she cut each piece of paper in half. When she was done she had 18 half-pieces of paper. With how many sheets of paper did she start?
- 488) Amanda bought four CDs. A week later half of all her CDs were destroyed in a fire. There are now only 14 CDs left. With how many did she start?

- 489) Anjali won 85 super bouncy balls playing horseshoes at her school's game night. Later, she gave three to each of her friends. She only has 10 remaining. How many friends does she have?
- 491) 297 students went on a field trip. Five buses were filled and 7 students traveled in cars. How many students were in each bus?
- 493) How old am I if 300 reduced by 3 times my age is 48?
- 495) The sum of three consecutive odd numbers is 39. What is the smallest of these numbers?
- 497) Jasmine bought ten posters. A week later half of all her posters were destroyed in a fire. There are now only 18 posters left. With how many did she start?
- 499) The Cooking Club made some pies to sell at a basketball game to raise money for the new math books. The cafeteria contributed three pies to the sale. Each pie was then cut into seven pieces and sold. There were a total of 56 pieces to sell. How many pies did the club make?
- 490) Cody bought seven hats. A week later half of all his hats were destroyed in a fire. There are now only 23 hats left. With how many did he start?
- 492) Chelsea won 45 lollipops playing basketball at her school's game night. Later, she gave three to each of her friends. She only has 6 remaining. How many friends does she have?
- 494) Castel won 94 pieces of gum playing the bean bag toss at the county fair. At school he gave three to every student in his math class. He only has 1 remaining. How many students are in his class?
- 496) Daniel won 123 lollipops playing hoops at the county fair. At school he gave four to every student in his math class. He only has 3 remaining. How many students are in his class?
- 498) The sum of three consecutive even numbers is 90. What is the smallest of these numbers?
- 500) Chelsea spent half of her weekly allowance buying pizza. To earn more money her parents let her clean the gutters for \$6.50. What is her weekly allowance if she ended with \$16.50?

## Two-step equations - Solving word problems using integers and decimals

### Find the answer using two-step equations:

- 1) You bought a magazine for \$3.10 and eight notepads. You spent a total of \$42.30. How much did each notepad cost?  
\$4.90
- 2) 560 students went on a field trip. Ten buses were filled and 10 students traveled in cars. How many students were in each bus?  
55
- 3) For a field trip 16 students rode in cars and the rest filled seven buses. How many students were in each bus if 219 students were on the trip?  
29
- 4) John rented a bike from Jasmine's Bikes. It cost \$19.10 plus \$7.30 per hour. If John paid \$55.60 then he rented the bike for how many hours?  
5
- 5) You had \$21.60 to spend on eight pencils. After buying them you had \$4.80. How much did each pencil cost?  
\$2.10
- 6) You bought a magazine for \$6.50 and some candy bars for \$3.60 each. You spent a total of \$17.30. How many candy bars did you buy?  
3
- 7) Dan's Bikes rents bikes for \$12.40 plus \$3.10 per hour. Jose paid \$27.90 to rent a bike. For how many hours did he rent the bike?  
5
- 8) You had \$20.26 to spend on six pencils. After buying them you had \$8.26. How much did each pencil cost?  
\$2

9) Pranav's Bikes rents bikes for \$14.53 plus \$7.75 per hour. Adam paid \$61.03 to rent a bike. For how many hours did he rent the bike?

6

10) The sum of three consecutive even numbers is 84. What is the smallest of these numbers?

26

11) The sum of three consecutive numbers is 51. What is the smallest of these numbers?

16

12) For a field trip 27 students rode in cars and the rest filled four buses. How many students were in each bus if 123 students were on the trip?

24

13) For a field trip 11 students rode in cars and the rest filled five buses. How many students were in each bus if 181 students were on the trip?

34

14) 294 students went on a field trip. Six buses were filled and 12 students traveled in cars. How many students were in each bus?

47

15) 175 students went on a field trip. Four buses were filled and 7 students traveled in cars. How many students were in each bus?

42

16) You bought a magazine for \$2.70 and some erasers for \$4.10 each. You spent a total of \$10.90. How many erasers did you buy?

2

17) The sum of three consecutive even numbers is 42. What is the smallest of these numbers?

12

18) Jasmine rented a bike from Mary's Bikes. It cost \$10.10 plus \$7.10 per hour. If Jasmine paid \$38.50 then she rented the bike for how many hours?

4

19) 94 students went on a field trip. Four buses were filled and 6 students traveled in cars. How many students were in each bus?

22

20) You bought a magazine for \$3.31 and six notepads. You spent a total of \$33.19. How much did each notepad cost?

\$4.98

21) The sum of three consecutive numbers is 42. What is the smallest of these numbers?

13

22) For a field trip 19 students rode in cars and the rest filled six buses. How many students were in each bus if 361 students were on the trip?

57

23) For a field trip 24 students rode in cars and the rest filled seven buses. How many students were in each bus if 437 students were on the trip?

59

24) You bought a magazine for \$6.50 and some notepads for \$3.10 each. You spent a total of \$25.10. How many notepads did you buy?

6

25) The sum of three consecutive odd numbers is 39. What is the smallest of these numbers?

11

26) The sum of three consecutive numbers is 60. What is the smallest of these numbers?

19

27) You had \$24 to spend on five notebooks. After buying them you had \$5. How much did each notebook cost?

\$3.80

28) Natalie spent \$10.39 on a magazine and two notepads. If the magazine cost \$3.81 then how much was each notepad?

\$3.29

29) You had \$20.94 to spend on four pencils. After buying them you had \$4.94. How much did each pencil cost?

\$4

30) For a field trip 11 students rode in cars and the rest filled eight buses. How many students were in each bus if 283 students were on the trip?

34

31) Matt spent \$10.40 on a magazine and three candy bars. If the magazine cost \$4.10 then how much was each candy bar?

\$2.10

32) Gabriella's Bikes rents bikes for \$12.95 plus \$6.17 per hour. Totsakan paid \$31.46 to rent a bike. For how many hours did he rent the bike?

3

33) John rented a bike from Julio's Bikes. It cost \$20 plus \$2.60 per hour. If John paid \$25.20 then he rented the bike for how many hours?

2

34) You had \$21.59 to spend on three pens. After buying them you had \$13.10. How much did each pen cost?

\$2.83

35) Cody had \$20.18 to spend on eight raffle tickets. After buying them he had \$0.42. How much did each raffle ticket cost?

\$2.47

36) You bought a magazine for \$4.10 and some erasers for \$4.40 each. You spent a total of \$34.90. How many erasers did you buy?

7

37) Norachai rented a bike from James' Bikes. It cost \$18.52 plus \$3.14 per hour. If Norachai paid \$34.22 then he rented the bike for how many hours?

5

38) 294 students went on a field trip. Nine buses were filled and 6 students traveled in cars. How many students were in each bus?

32

39) For a field trip 23 students rode in cars and the rest filled three buses. How many students were in each bus if 158 students were on the trip?

45

40) You bought a magazine for \$6.95 and eight candy bars. You spent a total of \$34.79. How much did each candy bar cost?

\$3.48

41) For a field trip 13 students rode in cars and the rest filled five buses. How many students were in each bus if 308 students were on the trip?

59

42) Chelsea spent \$21 on a magazine and some candy bars. If the magazine cost \$7 and each candy bar cost \$2.80 then how many candy bars did she buy?

5

43) Mary rented a bike from Brenda's Bikes. It cost \$14.10 plus \$5 per hour. If Mary paid \$44.10 then she rented the bike for how many hours?

6

44) You had \$24.39 to spend on four raffle tickets. After buying them you had \$11.75. How much did each raffle ticket cost?

\$3.16

45) Elisa spent \$17.30 on a magazine and some candy bars. If the magazine cost \$4.10 and each candy bar cost \$2.20 then how many candy bars did she buy?

6

46) Stephanie spent \$13.07 on a magazine and two notepads. If the magazine cost \$5.53 then how much was each notepad?

\$3.77

47) Jacob's Bikes rents bikes for \$11.97 plus \$7.12 per hour. Kim paid \$26.21 to rent a bike. For how many hours did she rent the bike?

2

48) Arjun's Bikes rents bikes for \$20 plus \$2.60 per hour. Lea paid \$30.40 to rent a bike. For how many hours did she rent the bike?

4

49) For a field trip 30 students rode in cars and the rest filled seven buses. How many students were in each bus if 366 students were on the trip?

48

50) Brenda spent \$39.10 on a magazine and some candy bars. If the magazine cost \$4.80 and each candy bar cost \$4.90 then how many candy bars did she buy?

7

51) For a field trip 7 students rode in cars and the rest filled eight buses. How many students were in each bus if 199 students were on the trip?

24

52) Abhasra rented a bike from Shawna's Bikes. It cost \$15.60 plus \$4.20 per hour. If Abhasra paid \$32.40 then she rented the bike for how many hours?

4

53) For a field trip 19 students rode in cars and the rest filled ten buses. How many students were in each bus if 229 students were on the trip?

21

54) Jaidee's Bikes rents bikes for \$11.30 plus \$3.30 per hour. Wilbur paid \$27.80 to rent a bike. For how many hours did he rent the bike?

5

55) You had \$24.80 to spend on seven pens. After buying them you had \$4.50. How much did each pen cost?

\$2.90

56) Imani had \$21.46 to spend on seven advocados. After buying them she had \$6.20. How much did each avocado cost?

\$2.18

57) Jose spent \$20.12 on a magazine and some erasers. If the magazine cost \$6.08 and each eraser cost \$3.51 then how many erasers did he buy?

4

58) The sum of three consecutive numbers is 27. What is the smallest of these numbers?

8

59) Alberto spent \$8.21 on a magazine and two candy bars. If the magazine cost \$3.01 then how much was each candy bar?

\$2.60

60) Abhasra's Bikes rents bikes for \$18.20 plus \$5.50 per hour. Jasmine paid \$51.20 to rent a bike. For how many hours did she rent the bike?

6

61) Chelsea had \$23.72 to spend on eight raffle tickets. After buying them she had \$0.84. How much did each raffle ticket cost?

\$2.86

62) The sum of three consecutive even numbers is 90. What is the smallest of these numbers?

28

63) You had \$22.10 to spend on three avocados. After buying them you had \$14. How much did each avocado cost?

\$2.70

64) The sum of three consecutive odd numbers is 69. What is the smallest of these numbers?

21

65) 143 students went on a field trip. Six buses were filled and 5 students traveled in cars. How many students were in each bus?

23

66) Jack spent \$13.90 on a magazine and three erasers. If the magazine cost \$3.70 then how much was each eraser?

\$3.40

67) 148 students went on a field trip. Four buses were filled and 28 students traveled in cars. How many students were in each bus?

30

68) 428 students went on a field trip. Nine buses were filled and 23 students traveled in cars. How many students were in each bus?

45

69) 216 students went on a field trip. Five buses were filled and 16 students traveled in cars. How many students were in each bus?

40

70) Sarawong spent \$11.30 on a magazine and some candy bars. If the magazine cost \$2.50 and each candy bar cost \$2.20 then how many candy bars did he buy?

4

71) Paul rented a bike from Amanda's Bikes. It cost \$15.90 plus \$2.40 per hour. If Paul paid \$30.30 then he rented the bike for how many hours?

6

72) You bought a magazine for \$5.09 and eight erasers. You spent a total of \$41.73. How much did each eraser cost?

\$4.58

73) For a field trip 19 students rode in cars and the rest filled three buses. How many students were in each bus if 199 students were on the trip?

60

74) You bought a magazine for \$2.30 and some candy bars for \$3.80 each. You spent a total of \$25.10. How many candy bars did you buy?

6

75) The sum of three consecutive numbers is 69. What is the smallest of these numbers?

22

76) Ming had \$22.14 to spend on eight notebooks. After buying them she had \$3.18. How much did each notebook cost?

\$2.37

77) Beth rented a bike from Sumalee's Bikes. It cost \$11.73 plus \$3.78 per hour. If Beth paid \$19.29 then she rented the bike for how many hours?

2

78) The sum of three consecutive numbers is 48. What is the smallest of these numbers?

15

79) The sum of three consecutive numbers is 81. What is the smallest of these numbers?

26

80) 74 students went on a field trip. Three buses were filled and 5 students traveled in cars. How many students were in each bus?

23

81) Jill spent \$46.40 on a magazine and eight candy bars. If the magazine cost \$6.40 then how much was each candy bar?

\$5

82) Gabriella bought a magazine for \$2.49 and four erasers. She spent a total of \$19.93. How much did each eraser cost?

\$4.36

83) 225 students went on a field trip. Five buses were filled and 30 students traveled in cars. How many students were in each bus?

39

84) The sum of three consecutive even numbers is 78. What is the smallest of these numbers?

24

85) Totsakan had \$22.80 to spend on three pencils. After buying them he had \$15.30. How much did each pencil cost?

\$2.50

86) You had \$22.20 to spend on six advocados. After buying them you had \$2.40. How much did each avocado cost?

\$3.30

87) The sum of three consecutive numbers is 33. What is the smallest of these numbers?

10

88) Norachai bought a magazine for \$5.43 and two notepads. He spent a total of \$10.45. How much did each notepad cost?

\$2.51

89) The sum of three consecutive numbers is 45. What is the smallest of these numbers?

14

90) Lea rented a bike from Daniel's Bikes. It cost \$17.20 plus \$7.20 per hour. If Lea paid \$67.60 then she rented the bike for how many hours?

7

91) 211 students went on a field trip. Seven buses were filled and 29 students traveled in cars. How many students were in each bus?

26

92) Jimmy's Bikes rents bikes for \$19.06 plus \$4.12 per hour. Norachai paid \$52.02 to rent a bike. For how many hours did he rent the bike?

8

93) You had \$22.90 to spend on five raffle tickets. After buying them you had \$4.40. How much did each raffle ticket cost?

\$3.70

94) Wilbur rented a bike from Brenda's Bikes. It cost \$19 plus \$6.70 per hour. If Wilbur paid \$65.90 then he rented the bike for how many hours?

7

95) For a field trip 24 students rode in cars and the rest filled nine buses. How many students were in each bus if 393 students were on the trip?

41

96) For a field trip 16 students rode in cars and the rest filled six buses. How many students were in each bus if 286 students were on the trip?

45

97) Abhasra had \$23.40 to spend on seven pens. After buying them she had \$8.70. How much did each pen cost?

\$2.10

98) Beth bought a magazine for \$4.96 and two erasers. She spent a total of \$9.10. How much did each eraser cost?

\$2.07

99) For a field trip 18 students rode in cars and the rest filled ten buses. How many students were in each bus if 578 students were on the trip?

56

101) Half of your baseball card collection got wet and was ruined. You bought 11 cards to replace some that were lost. How many did you begin with if you now have 29?

36

103) Half of your baseball card collection got wet and was ruined. You bought 12 cards to replace some that were lost. How many did you begin with if you now have 42?

60

105) The sum of three consecutive even numbers is 90. What is the smallest of these numbers?

28

107) Emily spent half of her weekly allowance playing arcade games. To earn more money her parents let her clean the windows in the house for \$6. What is her weekly allowance if she ended with \$13.80?

\$15.60

109) Jack had \$23.70 to spend on seven pencils. After buying them he had \$5.50. How much did each pencil cost?

\$2.60

111) The sum of three consecutive numbers is 72. What is the smallest of these numbers?

23

100) Gabriella had \$24.20 to spend on four notebooks. After buying them she had \$8.28. How much did each notebook cost?

\$3.98

102) Sumalee spent half of her weekly allowance playing mini-golf. To earn more money her parents let her clean the oven for \$7.40. What is her weekly allowance if she ended with \$15.90?

\$17

104) Arjun rented a bike from Asanji's Bikes. It cost \$10.80 plus \$6.40 per hour. If Arjun paid \$30 then he rented the bike for how many hours?

3

106) Natalie spent half of her weekly allowance playing mini-golf. To earn more money her parents let her clean the windows in the house for \$7.90. What is her weekly allowance if she ended with \$14.80?

\$13.80

108) You had \$22.20 to spend on five raffle tickets. After buying them you had \$11.70. How much did each raffle ticket cost?

\$2.10

110) Castel sold half of his comic books and then bought twelve more. He now has 39. With how many did he begin?

54

112) Adam was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought five more. How many did he start with if he now has 16?

22

- 113) Jose spent half of his weekly allowance playing arcade games. To earn more money his parents let him wash the car for \$9.96. What is his weekly allowance if he ended with \$15.54?  
**\$11.16**
- 115) Joe spent half of his weekly allowance on candy. To earn more money his parents let him wash the car for \$7.05. What is his weekly allowance if he ended with \$14.71?  
**\$15.32**
- 117) Mofor spent \$20.90 on a magazine and some notepads. If the magazine cost \$4.90 and each notepad cost \$3.20 then how many notepads did he buy?  
**5**
- 119) Danielle spent half of her weekly allowance playing arcade games. To earn more money her parents let her weed the garden for \$8.70. What is her weekly allowance if she ended with \$13.50?  
**\$9.60**
- 121) You had \$22.50 to spend on six pens. After buying them you had \$5.70. How much did each pen cost?  
**\$2.80**
- 123) Half of your baseball card collection got wet and was ruined. You bought 16 cards to replace some that were lost. How many did you begin with if you now have 29?  
**26**
- 125) Maria spent half of her weekly allowance at the movies. To earn more money her parents let her wash the car for \$8.80. What is her weekly allowance if she ended with \$15.90?  
**\$14.20**
- 127) The sum of three consecutive numbers is 33. What is the smallest of these numbers?  
**10**
- 114) Gabriella spent half of her weekly allowance playing mini-golf. To earn more money her parents let her wash the car for \$9.50. What is her weekly allowance if she ended with \$14.59?  
**\$10.18**
- 116) Pranav spent half of his weekly allowance buying pizza. To earn more money his parents let him wash the dog for \$9.83. What is his weekly allowance if he ended with \$16.65?  
**\$13.64**
- 118) 449 students went on a field trip. Ten buses were filled and 9 students traveled in cars. How many students were in each bus?  
**44**
- 120) Kim sold half of her comic books and then bought thirteen more. She now has 42. With how many did she begin?  
**58**
- 122) You bought a magazine for \$2.90 and six erasers. You spent a total of \$30.32. How much did each eraser cost?  
**\$4.57**
- 124) Imani's Bikes rents bikes for \$19 plus \$2.60 per hour. Darryl paid \$26.80 to rent a bike. For how many hours did he rent the bike?  
**3**
- 126) Half of your baseball card collection got wet and was ruined. You bought 14 cards to replace some that were lost. How many did you begin with if you now have 38?  
**48**
- 128) Jennifer rented a bike from Dan's Bikes. It cost \$16.36 plus \$7.85 per hour. If Jennifer paid \$79.16 then she rented the bike for how many hours?  
**8**

- 129) Eugene spent half of his weekly allowance playing arcade games. To earn more money his parents let him weed the garden for \$5.30. What is his weekly allowance if he ended with \$11.40?  
\$12.20
- 131) Kathryn spent half of her weekly allowance buying pizza. To earn more money her parents let her clean the windows in the house for \$6.20. What is her weekly allowance if she ended with \$15.10?  
\$17.80
- 133) Sarawong spent \$19.50 on a magazine and seven notepads. If the magazine cost \$3.40 then how much was each notepad?  
\$2.30
- 135) Kristin spent half of her weekly allowance playing mini-golf. To earn more money her parents let her wash the dog for \$4.20. What is her weekly allowance if she ended with \$9.20?  
\$10
- 137) James sold half of his comic books and then bought twelve more. He now has 37. With how many did he begin?  
50
- 139) Ashley rented a bike from Asanji's Bikes. It cost \$17.79 plus \$3.73 per hour. If Ashley paid \$43.90 then she rented the bike for how many hours?  
7
- 141) Half of your baseball card collection got wet and was ruined. You bought 19 cards to replace some that were lost. How many did you begin with if you now have 33?  
28
- 143) Nicole sold half of her comic books and then bought eleven more. She now has 34. With how many did she begin?  
46
- 130) The sum of three consecutive odd numbers is 33. What is the smallest of these numbers?  
9
- 132) Chelsea was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought nineteen more. How many did she start with if she now has 35?  
32
- 134) Darryl spent half of his weekly allowance playing arcade games. To earn more money his parents let him mow the lawn for \$9.40. What is his weekly allowance if he ended with \$12.60?  
\$6.40
- 136) The sum of three consecutive odd numbers is 45. What is the smallest of these numbers?  
13
- 138) Elisa rented a bike from Kali's Bikes. It cost \$10.20 plus \$5.50 per hour. If Elisa paid \$32.20 then she rented the bike for how many hours?  
4
- 140) Stefan's Bikes rents bikes for \$15.80 plus \$3.50 per hour. Huong paid \$22.80 to rent a bike. For how many hours did she rent the bike?  
2
- 142) Mary sold half of her comic books and then bought nine more. She now has 25. With how many did she begin?  
32
- 144) Asanji rented a bike from Chelsea's Bikes. It cost \$14.70 plus \$5.90 per hour. If Asanji paid \$56 then he rented the bike for how many hours?  
7

- 145) Anjali spent half of her weekly allowance playing arcade games. To earn more money her parents let her clean the gutters for \$8.80. What is her weekly allowance if she ended with \$13.70?  
**\$9.80**
- 147) Beth had \$24.60 to spend on eight pens. After buying them she had \$3. How much did each pen cost?  
**\$2.70**
- 149) The sum of three consecutive odd numbers is 57. What is the smallest of these numbers?  
**17**
- 151) You had \$23.80 to spend on seven raffle tickets. After buying them you had \$0. How much did each raffle ticket cost?  
**\$3.40**
- 153) Aliyah sold half of her comic books and then bought four more. She now has 28. With how many did she begin?  
**48**
- 155) Eugene sold half of his comic books and then bought nine more. He now has 30. With how many did he begin?  
**42**
- 157) Kayla was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought twenty more. How many did she start with if she now has 43?  
**46**
- 159) Amanda spent half of her weekly allowance on clothes. To earn more money her parents let her mow the lawn for \$4. What is her weekly allowance if she ended with \$13.90?  
**\$19.80**
- 161) Jack spent half of his weekly allowance buying pizza. To earn more money his parents let him mow the lawn for \$8.38. What is his weekly allowance if he ended with \$16.20?  
**\$15.64**
- 146) Ted spent half of his weekly allowance playing mini-golf. To earn more money his parents let him clean the gutters for \$7.05. What is his weekly allowance if he ended with \$15.28?  
**\$16.46**
- 148) John bought a magazine for \$4.30 and eight notepads. He spent a total of \$21.90. How much did each notepad cost?  
**\$2.20**
- 150) Aliyah bought a magazine for \$5.52 and six notepads. She spent a total of \$29.70. How much did each notepad cost?  
**\$4.03**
- 152) Jose had \$21 to spend on six notebooks. After buying them he had \$1.80. How much did each notebook cost?  
**\$3.20**
- 154) You had \$23.78 to spend on three pencils. After buying them you had \$14.06. How much did each pencil cost?  
**\$3.24**
- 156) Elisa was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought five more. How many did she start with if she now has 30?  
**50**
- 158) Willie was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought seven more. How many did he start with if he now has 27?  
**40**
- 160) Danielle's Bikes rents bikes for \$12.87 plus \$5.51 per hour. Jack paid \$56.95 to rent a bike. For how many hours did he rent the bike?  
**8**
- 162) Alberto spent half of his weekly allowance on clothes. To earn more money his parents let him mow the lawn for \$7.20. What is his weekly allowance if he ended with \$14.30?  
**\$14.20**

- 163) Perry was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought twelve more. How many did he start with if he now has 29?  
34
- 165) Kathryn was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought seventeen more. How many did she start with if she now has 30?  
26
- 167) You bought a magazine for \$4.20 and some notepads for \$2.10 each. You spent a total of \$21. How many notepads did you buy?  
8
- 169) Half of your baseball card collection got wet and was ruined. You bought 9 cards to replace some that were lost. How many did you begin with if you now have 23?  
28
- 171) Nicole spent half of her weekly allowance playing mini-golf. To earn more money her parents let her wash the car for \$4.74. What is her weekly allowance if she ended with \$11.95?  
\$14.42
- 173) For a field trip 20 students rode in cars and the rest filled three buses. How many students were in each bus if 107 students were on the trip?  
29
- 175) Sumalee spent half of her weekly allowance buying pizza. To earn more money her parents let her clean the windows in the house for \$7.70. What is her weekly allowance if she ended with \$17.50?  
\$19.60
- 177) Stefan's Bikes rents bikes for \$15.30 plus \$6.40 per hour. Adam paid \$66.50 to rent a bike. For how many hours did he rent the bike?  
8
- 164) Shreya spent half of her weekly allowance playing arcade games. To earn more money her parents let her wash the car for \$4.70. What is her weekly allowance if she ended with \$12.80?  
\$16.20
- 166) Mary sold half of her comic books and then bought sixteen more. She now has 28. With how many did she begin?  
24
- 168) Half of your baseball card collection got wet and was ruined. You bought 5 cards to replace some that were lost. How many did you begin with if you now have 28?  
46
- 170) Jasmine spent half of her weekly allowance at the movies. To earn more money her parents let her clean the oven for \$7.14. What is her weekly allowance if she ended with \$11.72?  
\$9.16
- 172) For a field trip 24 students rode in cars and the rest filled four buses. How many students were in each bus if 216 students were on the trip?  
48
- 174) Shayna was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought sixteen more. How many did she start with if she now has 33?  
34
- 176) Eugene spent half of his weekly allowance playing mini-golf. To earn more money his parents let him wash the car for \$6.65. What is his weekly allowance if he ended with \$11.24?  
\$9.18
- 178) You bought a magazine for \$3.80 and some candy bars for \$3.80 each. You spent a total of \$26.60. How many candy bars did you buy?  
6

- 179) You bought a magazine for \$6.30 and six erasers. You spent a total of \$31.50. How much did each eraser cost?  
**\$4.20**
- 181) 279 students went on a field trip. Nine buses were filled and 18 students traveled in cars. How many students were in each bus?  
**29**
- 183) The sum of three consecutive even numbers is 72. What is the smallest of these numbers?  
**22**
- 185) Anjali rented a bike from Mike's Bikes. It cost \$19.84 plus \$4.36 per hour. If Anjali paid \$37.28 then she rented the bike for how many hours?  
**4**
- 187) Jaidee spent half of her weekly allowance playing arcade games. To earn more money her parents let her wash the dog for \$6.46. What is her weekly allowance if she ended with \$12.78?  
**\$12.64**
- 189) Lea was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought eleven more. How many did she start with if she now has 21?  
**20**
- 191) 303 students went on a field trip. Six buses were filled and 15 students traveled in cars. How many students were in each bus?  
**48**
- 193) Kayla sold half of her comic books and then bought eighteen more. She now has 35. With how many did she begin?  
**34**
- 180) Daniel's Bikes rents bikes for \$10.06 plus \$6.52 per hour. Brenda paid \$36.14 to rent a bike. For how many hours did she rent the bike?  
**4**
- 182) John had \$21.20 to spend on three advocados. After buying them he had \$9.50. How much did each advocado cost?  
**\$3.90**
- 184) Ndiba spent half of his weekly allowance at the movies. To earn more money his parents let him clean the oven for \$8.10. What is his weekly allowance if he ended with \$14.80?  
**\$13.40**
- 186) Half of your baseball card collection got wet and was ruined. You bought 19 cards to replace some that were lost. How many did you begin with if you now have 37?  
**36**
- 188) Half of your baseball card collection got wet and was ruined. You bought 12 cards to replace some that were lost. How many did you begin with if you now have 38?  
**52**
- 190) Kim had \$22.10 to spend on eight notebooks. After buying them she had \$5.30. How much did each notebook cost?  
**\$2.10**
- 192) Emily sold half of her comic books and then bought nineteen more. She now has 42. With how many did she begin?  
**46**
- 194) Mei spent half of her weekly allowance on clothes. To earn more money her parents let her weed the garden for \$8.91. What is her weekly allowance if she ended with \$15.48?  
**\$13.14**

195) For a field trip 30 students rode in cars and the rest filled three buses. How many students were in each bus if 99 students were on the trip?

23

197) The sum of three consecutive odd numbers is 93. What is the smallest of these numbers?

29

199) Carlos sold half of his comic books and then bought eight more. He now has 36. With how many did he begin?

56

201) Ryan had some candy to give to his five children. He first took seven pieces for himself and then evenly divided the rest among his children. Each child received two pieces. With how many pieces did he start?

17

203) 141 students went on a field trip. Six buses were filled and 9 students traveled in cars. How many students were in each bus?

22

205) Joe had some candy to give to his four children. He first took five pieces for himself and then evenly divided the rest among his children. Each child received two pieces. With how many pieces did he start?

13

207) The sum of three consecutive odd numbers is 93. What is the smallest of these numbers?

29

209) Kali had \$20.12 to spend on four advocados. After buying them she had \$11.16. How much did each avocado cost?

\$2.24

196) 310 students went on a field trip. Nine buses were filled and 13 students traveled in cars. How many students were in each bus?

33

198) You bought a magazine for \$2.47 and some erasers for \$3.13 each. You spent a total of \$18.12. How many erasers did you buy?

5

200) Imani sold half of her comic books and then bought nine more. She now has 34. With how many did she begin?

50

202) On Tuesday Daniel bought nine boxes. On Wednesday half of all the boxes that he had were destroyed. On Thursday there were only 25 left. How many did he have on Monday?

41

204) Alberto had some candy to give to his five children. He first took five pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start?

30

206) Abhasra had some candy to give to her four children. She first took one pieces for herself and then evenly divided the rest among her children. Each child received three pieces. With how many pieces did she start?

13

208) Pranav spent half of his weekly allowance on clothes. To earn more money his parents let him weed the garden for \$7.70. What is his weekly allowance if he ended with \$11.60?

\$7.80

- 210) Huong had some candy to give to her three children. She first took three pieces for herself and then evenly divided the rest among her children. Each child received five pieces. With how many pieces did she start?  
18
- 211) Asanji bought six hats. A week later half of all his hats were destroyed in a fire. There are now only 17 hats left. With how many did he start?  
28
- 212) Aliyah spent half of her weekly allowance playing arcade games. To earn more money her parents let her weed the garden for \$5.85. What is her weekly allowance if she ended with \$14.83?  
\$17.96
- 213) 354 students went on a field trip. Six buses were filled and 30 students traveled in cars. How many students were in each bus?  
54
- 214) 497 students went on a field trip. Ten buses were filled and 27 students traveled in cars. How many students were in each bus?  
47
- 215) You bought a magazine for \$3.80 and some candy bars for \$2 each. You spent a total of \$9.80. How many candy bars did you buy?  
3
- 216) Carlos bought seven boxes. A week later half of all his boxes were destroyed in a fire. There are now only 23 boxes left. With how many did he start?  
39
- 217) For a field trip 10 students rode in cars and the rest filled four buses. How many students were in each bus if 190 students were on the trip?  
45
- 218) Lea bought nine posters. A week later half of all her posters were destroyed in a fire. There are now only 19 posters left. With how many did she start?  
29
- 219) The sum of three consecutive odd numbers is 51. What is the smallest of these numbers?  
15
- 220) Kathryn bought five CDs. A week later half of all her CDs were destroyed in a fire. There are now only 16 CDs left. With how many did she start?  
27
- 221) Paul was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought eleven more. How many did he start with if he now has 36?  
50
- 222) Lisa had \$21.77 to spend on six raffle tickets. After buying them she had \$1.13. How much did each raffle ticket cost?  
\$3.44
- 223) For a field trip 30 students rode in cars and the rest filled ten buses. How many students were in each bus if 540 students were on the trip?  
51
- 224) Alberto rented a bike from Ted's Bikes. It cost \$19 plus \$2.10 per hour. If Alberto paid \$31.60 then he rented the bike for how many hours?  
6
- 225) Totsakan sold half of his comic books and then bought twenty more. He now has 37. With how many did he begin?  
34

226) The sum of three consecutive odd numbers is 57. What is the smallest of these numbers?

17

228) James bought four CDs. A week later half of all his CDs were destroyed in a fire. There are now only 21 CDs left. With how many did he start?

38

230) Ashley had some candy to give to her three children. She first took five pieces for herself and then evenly divided the rest among her children. Each child received two pieces. With how many pieces did she start?

11

232) Ashley spent half of her weekly allowance playing mini-golf. To earn more money her parents let her clean the gutters for \$4.40. What is her weekly allowance if she ended with \$11.50?

\$14.20

234) For a field trip 20 students rode in cars and the rest filled five buses. How many students were in each bus if 190 students were on the trip?

34

236) Mike was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought seventeen more. How many did he start with if he now has 41?

48

238) Imani spent half of her weekly allowance playing arcade games. To earn more money her parents let her clean the windows in the house for \$5.99. What is her weekly allowance if she ended with \$10.32?

\$8.66

227) Dan bought five hats. A week later half of all his hats were destroyed in a fire. There are now only 15 hats left. With how many did he start?

25

229) On Tuesday Paul bought ten hats. On Wednesday half of all the hats that he had were destroyed. On Thursday there were only 19 left. How many did he have on Monday?

28

231) John bought five CDs. A week later half of all his CDs were destroyed in a fire. There are now only 20 CDs left. With how many did he start?

35

233) Mary bought four boxes. A week later half of all her boxes were destroyed in a fire. There are now only 18 boxes left. With how many did she start?

32

235) Kayla was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought fourteen more. How many did she start with if she now has 29?

30

237) Adam had \$21.30 to spend on five advocados. After buying them he had \$8.80. How much did each advocado cost?

\$2.50

239) Mary had some candy to give to her five children. She first took one pieces for herself and then evenly divided the rest among her children. Each child received three pieces. With how many pieces did she start?

16

- 240) Half of your baseball card collection got wet and was ruined. You bought 17 cards to replace some that were lost. How many did you begin with if you now have 40?  
46
- 242) Julio rented a bike from John's Bikes. It cost \$17 plus \$2.10 per hour. If Julio paid \$21.20 then he rented the bike for how many hours?  
2
- 244) Huong's Bikes rents bikes for \$19.90 plus \$4.50 per hour. Mei paid \$28.90 to rent a bike. For how many hours did she rent the bike?  
2
- 246) Kim had \$22.09 to spend on eight notebooks. After buying them she had \$5.37. How much did each notebook cost?  
\$2.09
- 248) Julio had some candy to give to his three children. He first took one pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start?  
16
- 250) On Tuesday Jill bought eight CDs. On Wednesday half of all the CDs that she had were destroyed. On Thursday there were only 22 left. How many did she have on Monday?  
36
- 252) On Tuesday Sarawong bought ten boxes. On Wednesday half of all the boxes that he had were destroyed. On Thursday there were only 22 left. How many did he have on Monday?  
34
- 241) Alberto spent \$9.03 on a magazine and some erasers. If the magazine cost \$3.31 and each eraser cost \$2.86 then how many erasers did he buy?  
2
- 243) Arjun spent half of his weekly allowance buying pizza. To earn more money his parents let him clean the gutters for \$4.65. What is his weekly allowance if he ended with \$10.48?  
\$11.66
- 245) John spent half of his weekly allowance at the movies. To earn more money his parents let him clean the oven for \$6.81. What is his weekly allowance if he ended with \$15.67?  
\$17.72
- 247) Stephanie spent half of her weekly allowance playing arcade games. To earn more money her parents let her wash the car for \$9.60. What is her weekly allowance if she ended with \$14.20?  
\$9.20
- 249) Aliyah's Bikes rents bikes for \$18.93 plus \$3.61 per hour. Mei paid \$29.76 to rent a bike. For how many hours did she rent the bike?  
3
- 251) Darryl had some candy to give to his five children. He first took nine pieces for himself and then evenly divided the rest among his children. Each child received four pieces. With how many pieces did he start?  
29
- 253) Shreya spent half of her weekly allowance at the movies. To earn more money her parents let her clean the windows in the house for \$8.20. What is her weekly allowance if she ended with \$17.40?  
\$18.40

254) Alberto rented a bike from Carlos' Bikes. It cost \$17.35 plus \$7.07 per hour. If Alberto paid \$31.49 then he rented the bike for how many hours?

2

256) Ryan bought nine CDs. A week later half of all his CDs were destroyed in a fire. There are now only 21 CDs left. With how many did he start?

33

258) You had \$24.48 to spend on three notebooks. After buying them you had \$16.47. How much did each notebook cost?

\$2.67

260) The sum of three consecutive odd numbers is 87. What is the smallest of these numbers?

27

262) Ted spent half of his weekly allowance playing mini-golf. To earn more money his parents let him clean the oven for \$7.17. What is his weekly allowance if he ended with \$15.54?

\$16.74

264) Castel spent half of his weekly allowance on candy. To earn more money his parents let him clean the windows in the house for \$8.77. What is his weekly allowance if he ended with \$12.72?

\$7.90

266) Paul spent \$12.51 on a magazine and some candy bars. If the magazine cost \$2.83 and each candy bar cost \$4.84 then how many candy bars did he buy?

2

268) Kim had some candy to give to her four children. She first took ten pieces for herself and then evenly divided the rest among her children. Each child received three pieces. With how many pieces did she start?

22

255) For a field trip 21 students rode in cars and the rest filled ten buses. How many students were in each bus if 331 students were on the trip?

31

257) Alberto bought four CDs. A week later half of all his CDs were destroyed in a fire. There are now only 16 CDs left. With how many did he start?

28

259) You had \$21.40 to spend on four notebooks. After buying them you had \$9.00. How much did each notebook cost?

\$3.10

261) For a field trip 24 students rode in cars and the rest filled six buses. How many students were in each bus if 264 students were on the trip?

40

263) Imani spent \$18.50 on a magazine and some erasers. If the magazine cost \$6.50 and each eraser cost \$4 then how many erasers did she buy?

3

265) Half of your baseball card collection got wet and was ruined. You bought 17 cards to replace some that were lost. How many did you begin with if you now have 47?

60

267) Mary had some candy to give to her four children. She first took three pieces for herself and then evenly divided the rest among her children. Each child received four pieces. With how many pieces did she start?

19

269) Half of your baseball card collection got wet and was ruined. You bought 15 cards to replace some that were lost. How many did you begin with if you now have 35?

40

270) You had \$23.60 to spend on seven pencils. After buying them you had \$0.50. How much did each pencil cost?

\$3.30

272) Julia had some candy to give to her five children. She first took three pieces for herself and then evenly divided the rest among her children. Each child received two pieces. With how many pieces did she start?

13

274) Aliyah spent half of her weekly allowance playing arcade games. To earn more money her parents let her clean the gutters for \$6.80. What is her weekly allowance if she ended with \$16.60?

\$19.60

276) Natalie spent half of her weekly allowance on candy. To earn more money her parents let her wash the dog for \$6. What is her weekly allowance if she ended with \$15.60?

\$19.20

278) Emily bought seven posters. A week later half of all her posters were destroyed in a fire. There are now only 14 posters left. With how many did she start?

21

280) On Tuesday Huong bought four boxes. On Wednesday half of all the boxes that she had were destroyed. On Thursday there were only 14 left. How many did she have on Monday?

24

282) Half of your baseball card collection got wet and was ruined. You bought 20 cards to replace some that were lost. How many did you begin with if you now have 33?

26

284) You had \$21.95 to spend on two advocados. After buying them you had \$15.81. How much did each avocado cost?

\$3.07

271) Daniel bought four CDs. A week later half of all his CDs were destroyed in a fire. There are now only 19 CDs left. With how many did he start?

34

273) Lea had \$24.60 to spend on four raffle tickets. After buying them she had \$13.80. How much did each raffle ticket cost?

\$2.70

275) Anjali sold half of her comic books and then bought seven more. She now has 21. With how many did she begin?

28

277) Gabriella's Bikes rents bikes for \$11.90 plus \$2.70 per hour. Ryan paid \$33.50 to rent a bike. For how many hours did he rent the bike?

8

279) On Tuesday Ming bought five hats. On Wednesday half of all the hats that she had were destroyed. On Thursday there were only 22 left. How many did she have on Monday?

39

281) Shawna had some candy to give to her five children. She first took seven pieces for herself and then evenly divided the rest among her children. Each child received four pieces. With how many pieces did she start?

27

283) Half of your baseball card collection got wet and was ruined. You bought 16 cards to replace some that were lost. How many did you begin with if you now have 44?

56

285) Ashley sold half of her comic books and then bought five more. She now has 29. With how many did she begin?

48

286) Shanice had \$21.10 to spend on two raffle tickets. After buying them she had \$15.90. How much did each raffle ticket cost?

\$2.60

288) The sum of three consecutive numbers is 39. What is the smallest of these numbers?

12

290) Ndiba had \$23.79 to spend on three pencils. After buying them he had \$12.45. How much did each pencil cost?

\$3.78

292) Aliyah was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought thirteen more. How many did she start with if she now has 37?

48

294) For a field trip 4 students rode in cars and the rest filled eight buses. How many students were in each bus if 412 students were on the trip?

51

296) Kayla had some candy to give to her five children. She first took eight pieces for herself and then evenly divided the rest among her children. Each child received two pieces. With how many pieces did she start?

18

298) You had \$21.61 to spend on three avocados. After buying them you had \$15.52. How much did each avocado cost?

\$2.03

287) Jose bought seven CDs. A week later half of all his CDs were destroyed in a fire. There are now only 21 CDs left. With how many did he start?

35

289) Micaela had some candy to give to her three children. She first took four pieces for herself and then evenly divided the rest among her children. Each child received four pieces. With how many pieces did she start?

16

291) Half of your baseball card collection got wet and was ruined. You bought 19 cards to replace some that were lost. How many did you begin with if you now have 44?

50

293) Sarawong had some candy to give to his four children. He first took seven pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start?

27

295) Dan had some candy to give to his four children. He first took four pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start?

24

297) 313 students went on a field trip. Eight buses were filled and 17 students traveled in cars. How many students were in each bus?

37

299) Matt bought a magazine for \$3.89 and three erasers. He spent a total of \$10.73. How much did each eraser cost?

\$2.28

300) John was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought six more. How many did he start with if he now has 23?

34

302) Lisa wanted to make note cards by cutting pieces of paper in half. Before starting she got five more pieces to use. When she was done she had 22 half-pieces of paper. With how many pieces did she start?

6

304) You had \$23.37 to spend on five pencils. After buying them you had \$3.52. How much did each pencil cost?

\$3.97

306) You bought a magazine for \$3.06 and some erasers for \$4.42 each. You spent a total of \$20.74. How many erasers did you buy?

4

308) Joe rented a bike from Mary's Bikes. It cost \$11.64 plus \$5.95 per hour. If Joe paid \$47.34 then he rented the bike for how many hours?

6

310) You bought a magazine for \$4 and seven notepads. You spent a total of \$25. How much did each notepad cost?

\$3

312) 473 students went on a field trip. Eight buses were filled and 17 students traveled in cars. How many students were in each bus?

57

314) Half of your baseball card collection got wet and was ruined. You bought 6 cards to replace some that were lost. How many did you begin with if you now have 28?

44

301) Cody was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought seven more. How many did he start with if he now has 30?

46

303) Chelsea spent half of her weekly allowance playing arcade games. To earn more money her parents let her weed the garden for \$9.70. What is her weekly allowance if she ended with \$19.60?

\$19.80

305) Half of your baseball card collection got wet and was ruined. You bought 4 cards to replace some that were lost. How many did you begin with if you now have 34?

60

307) Chelsea spent \$20.20 on a magazine and some erasers. If the magazine cost \$5.20 and each eraser cost \$3 then how many erasers did she buy?

5

309) DeShawn wanted to make note cards by cutting pieces of paper in half. Before starting he got three more pieces to use. When he was done he had 16 half-pieces of paper. With how many pieces did he start?

5

311) Gabriella wanted to make note cards by cutting pieces of paper in half. Before starting she got six more pieces to use. When she was done she had 26 half-pieces of paper. With how many pieces did she start?

7

313) For a field trip 7 students rode in cars and the rest filled three buses. How many students were in each bus if 115 students were on the trip?

36

315) Natalie spent \$25 on a magazine and six erasers. If the magazine cost \$7 then how much was each eraser?

\$3

316) Jenny spent half of her weekly allowance at the movies. To earn more money her parents let her clean the windows in the house for \$8.30. What is her weekly allowance if she ended with \$11.60?

\$6.60

318) On Tuesday Lea bought seven hats. On Wednesday half of all the hats that she had were destroyed. On Thursday there were only 23 left. How many did she have on Monday?

39

320) You bought a magazine for \$4.10 and some notepads for \$4.90 each. You spent a total of \$38.40. How many notepads did you buy?

7

322) Ndiba bought nine CDs. A week later half of all his CDs were destroyed in a fire. There are now only 16 CDs left. With how many did he start?

23

324) Kristin had some candy to give to her five children. She first took three pieces for herself and then evenly divided the rest among her children. Each child received two pieces. With how many pieces did she start?

13

326) Gabriella spent half of her weekly allowance buying pizza. To earn more money her parents let her mow the lawn for \$6. What is her weekly allowance if she ended with \$9.20?

\$6.40

317) The Cooking Club made some pies to sell during lunch to raise money for an end-of-year banquet. The cafeteria contributed three pies to the club. Each pie was then cut into four pieces and sold. There were a total of 52 pieces to sell. How many pies did the club make?

10

319) Mei wanted to make note cards by cutting pieces of paper in half. Before starting she got five more pieces to use. When she was done she had 24 half-pieces of paper. With how many pieces did she start?

7

321) Dan had some paper with which to make note cards. On his way to his room he found seven more pieces to use. In his room he cut each piece of paper in half. When he was done he had 34 half-pieces of paper. With how many sheets of paper did he start?

10

323) Pranav had some paper with which to make note cards. On his way to his room he found seven more pieces to use. In his room he cut each piece of paper in half. When he was done he had 20 half-pieces of paper. With how many sheets of paper did he start?

3

325) Heather had some candy to give to her five children. She first took two pieces for herself and then evenly divided the rest among her children. Each child received five pieces. With how many pieces did she start?

27

327) Ted had some paper with which to make note cards. On his way to his room he found two more pieces to use. In his room he cut each piece of paper in half. When he was done he had 12 half-pieces of paper. With how many sheets of paper did he start?

4

- 328) Wilbur wanted to make note cards by cutting pieces of paper in half. Before starting he got four more pieces to use. When he was done he had 20 half-pieces of paper. With how many pieces did he start?  
**6**
- 330) Shreya spent half of her weekly allowance playing arcade games. To earn more money her parents let her clean the windows in the house for \$9.70. What is her weekly allowance if she ended with \$18.90?  
**\$18.40**
- 332) The Cooking Club made some pies to sell at a basketball game to raise money for the new math books. The cafeteria contributed four pies to the sale. Each pie was then cut into eight pieces and sold. There were a total of 96 pieces to sell. How many pies did the club make?  
**8**
- 334) You had \$21.80 to spend on five pencils. After buying them you had \$5.80. How much did each pencil cost?  
**\$3.20**
- 336) Heather was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought thirteen more. How many did she start with if she now has 24?  
**22**
- 338) Micaela bought four boxes. A week later half of all her boxes were destroyed in a fire. There are now only 16 boxes left. With how many did she start?  
**28**
- 340) Mark sold half of his comic books and then bought five more. He now has 27. With how many did he begin?  
**44**
- 329) Jessica spent half of her weekly allowance playing mini-golf. To earn more money her parents let her clean the gutters for \$4.80. What is her weekly allowance if she ended with \$14.30?  
**\$19**
- 331) Krystal bought five posters. A week later half of all her posters were destroyed in a fire. There are now only 20 posters left. With how many did she start?  
**35**
- 333) For a field trip 21 students rode in cars and the rest filled four buses. How many students were in each bus if 245 students were on the trip?  
**56**
- 335) Asanji spent half of his weekly allowance at the movies. To earn more money his parents let him weed the garden for \$6.79. What is his weekly allowance if he ended with \$11.19?  
**\$8.80**
- 337) Abhasra had some candy to give to her five children. She first took three pieces for herself and then evenly divided the rest among her children. Each child received four pieces. With how many pieces did she start?  
**23**
- 339) Ming's Bikes rents bikes for \$17.10 plus \$6 per hour. Ryan paid \$35.10 to rent a bike. For how many hours did he rent the bike?  
**3**
- 341) Carlos rented a bike from Micaela's Bikes. It cost \$18.50 plus \$5.10 per hour. If Carlos paid \$28.70 then he rented the bike for how many hours?  
**2**

- 342) James bought eight posters. A week later half of all his posters were destroyed in a fire. There are now only 15 posters left. With how many did he start?  
**22**
- 344) Eduardo spent half of his weekly allowance playing arcade games. To earn more money his parents let him clean the oven for \$5.70. What is his weekly allowance if he ended with \$10.90?  
**\$10.40**
- 346) Mark spent half of his weekly allowance on candy. To earn more money his parents let him clean the gutters for \$9.80. What is his weekly allowance if he ended with \$18.60?  
**\$17.60**
- 348) The Cooking Club made some pies to sell during lunch to raise money for an end-of-year banquet. The cafeteria contributed three pies to the club. Each pie was then cut into four pieces and sold. There were a total of 48 pieces to sell. How many pies did the club make?  
**9**
- 350) Krystal had \$21.04 to spend on three pens. After buying them she had \$14.29. How much did each pen cost?  
**\$2.25**
- 352) You had \$24 to spend on three notebooks. After buying them you had \$14.34. How much did each notebook cost?  
**\$3.22**
- 354) The Cooking Club made some pies to sell at a basketball game to raise money for the new math books. The cafeteria contributed two pies to the sale. Each pie was then cut into seven pieces and sold. There were a total of 84 pieces to sell. How many pies did the club make?  
**10**
- 343) Cody sold half of his comic books and then bought nine more. He now has 19. With how many did he begin?  
**20**
- 345) Kali bought nine hats. A week later half of all her hats were destroyed in a fire. There are now only 19 hats left. With how many did she start?  
**29**
- 347) Shanice had \$20.05 to spend on two raffle tickets. After buying them she had \$12.11. How much did each raffle ticket cost?  
**\$3.97**
- 349) The Cooking Club made some pies to sell during lunch to raise money for a field trip. The cafeteria helped by donating four pies to the club. Each pie was then cut into four pieces and sold. There were a total of 52 pieces to sell. How many pies did the club make?  
**9**
- 351) Darryl spent half of his weekly allowance playing mini-golf. To earn more money his parents let him weed the garden for \$7.07. What is his weekly allowance if he ended with \$10.84?  
**\$7.54**
- 353) Gabriella rented a bike from Trevon's Bikes. It cost \$16 plus \$2.90 per hour. If Gabriella paid \$21.80 then she rented the bike for how many hours?  
**2**
- 355) Ndiba bought eight CDs. A week later half of all his CDs were destroyed in a fire. There are now only 23 CDs left. With how many did he start?  
**38**

356) Ndiba wanted to make note cards by cutting pieces of paper in half. Before starting he got seven more pieces to use. When he was done he had 24 half-pieces of paper. With how many pieces did he start?

5

358) You had \$23.56 to spend on five pens. After buying them you had \$5.76. How much did each pen cost?

\$3.56

360) The Cooking Club made some pies to sell during lunch to raise money for an end-of-year banquet. The cafeteria contributed two pies to the club. Each pie was then cut into six pieces and sold. There were a total of 42 pieces to sell. How many pies did the club make?

5

362) Kathryn bought nine hats. A week later half of all her hats were destroyed in a fire. There are now only 14 hats left. With how many did she start?

19

364) Julio spent half of his weekly allowance playing arcade games. To earn more money his parents let him clean the windows in the house for \$4.80. What is his weekly allowance if he ended with \$12.30?

\$15

366) The sum of three consecutive numbers is 33. What is the smallest of these numbers?

10

368) Wilbur had some candy to give to his five children. He first took two pieces for himself and then evenly divided the rest among his children. Each child received three pieces. With how many pieces did he start?

17

357) Jimmy had some paper with which to make note cards. On his way to his room he found seven more pieces to use. In his room he cut each piece of paper in half. When he was done he had 32 half-pieces of paper. With how many sheets of paper did he start?

9

359) Carlos bought eight CDs. A week later half of all his CDs were destroyed in a fire. There are now only 17 CDs left. With how many did he start?

26

361) Sumalee's Bikes rents bikes for \$14.70 plus \$3.60 per hour. Amanda paid \$43.50 to rent a bike. For how many hours did she rent the bike?

8

363) Shayna had \$23.80 to spend on three raffle tickets. After buying them she had \$14.20. How much did each raffle ticket cost?

\$3.20

365) Ming spent half of her weekly allowance playing arcade games. To earn more money her parents let her mow the lawn for \$9.30. What is her weekly allowance if she ended with \$15.80?

\$13

367) Lisa's Bikes rents bikes for \$12.71 plus \$7.65 per hour. Abhasra paid \$66.26 to rent a bike. For how many hours did she rent the bike?

7

369) Mei had some paper with which to make note cards. On her way to her room she found seven more pieces to use. In her room she cut each piece of paper in half. When she was done she had 28 half-pieces of paper. With how many sheets of paper did she start?

7

370) Shawna spent half of her weekly allowance on clothes. To earn more money her parents let her clean the oven for \$6.65. What is her weekly allowance if she ended with \$14.46?

\$15.62

372) You had \$24.30 to spend on two pencils. After buying them you had \$17.10. How much did each pencil cost?

\$3.60

374) Lea spent half of her weekly allowance buying pizza. To earn more money her parents let her wash the dog for \$4.10. What is her weekly allowance if she ended with \$10.90?

\$13.60

376) Eduardo had some candy to give to his three children. He first took one pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start?

16

378) Kayla had some paper with which to make note cards. On her way to her room she found four more pieces to use. In her room she cut each piece of paper in half. When she was done she had 22 half-pieces of paper. With how many sheets of paper did she start?

7

380) Joe had some candy to give to his four children. He first took ten pieces for himself and then evenly divided the rest among his children. Each child received two pieces. With how many pieces did he start?

18

371) Ming spent half of her weekly allowance playing mini-golf. To earn more money her parents let her weed the garden for \$8.50. What is her weekly allowance if she ended with \$12.70?

\$8.40

373) Lea spent half of her weekly allowance buying pizza. To earn more money her parents let her wash the car for \$5.70. What is her weekly allowance if she ended with \$11.50?

\$11.60

375) Chelsea sold half of her comic books and then bought eleven more. She now has 23. With how many did she begin?

24

377) On Tuesday Mofor bought ten CDs. On Wednesday half of all the CDs that he had were destroyed. On Thursday there were only 15 left. How many did he have on Monday?

20

379) Heather had some candy to give to her five children. She first took nine pieces for herself and then evenly divided the rest among her children. Each child received three pieces. With how many pieces did she start?

24

381) The Cooking Club made some pies to sell during lunch to raise money for a field trip. The cafeteria helped by donating two pies to the club. Each pie was then cut into four pieces and sold. There were a total of 36 pieces to sell. How many pies did the club make?

7

382) Daniel had some candy to give to his five children. He first took six pieces for himself and then evenly divided the rest among his children. Each child received two pieces. With how many pieces did he start?

16

384) Danielle sold half of her comic books and then bought ten more. She now has 21. With how many did she begin?

22

386) Eduardo spent half of his weekly allowance buying pizza. To earn more money his parents let him mow the lawn for \$7.76. What is his weekly allowance if he ended with \$16.10?

\$16.68

388) Jimmy had some paper with which to make note cards. On his way to his room he found four more pieces to use. In his room he cut each piece of paper in half. When he was done he had 14 half-pieces of paper. With how many sheets of paper did he start?

3

390) On Tuesday James bought six boxes. On Wednesday half of all the boxes that he had were destroyed. On Thursday there were only 21 left. How many did he have on Monday?

36

392) Jaidee bought a magazine for \$4.30 and three notepads. She spent a total of \$16. How much did each notepad cost?

\$3.90

383) Eduardo was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought sixteen more. How many did he start with if he now has 46?

60

385) Joe wanted to make note cards by cutting pieces of paper in half. Before starting he got five more pieces to use. When he was done he had 26 half-pieces of paper. With how many pieces did he start?

8

387) Ryan spent half of his weekly allowance playing mini-golf. To earn more money his parents let him weed the garden for \$7.39. What is his weekly allowance if he ended with \$16.04?

\$17.30

389) Stefan spent half of his weekly allowance playing mini-golf. To earn more money his parents let him mow the lawn for \$9.50. What is his weekly allowance if he ended with \$13.60?

\$8.20

391) Mike bought eight boxes. A week later half of all his boxes were destroyed in a fire. There are now only 20 boxes left. With how many did he start?

32

393) The Cooking Club made some pies to sell during lunch to raise money for a field trip. The cafeteria helped by donating two pies to the club. Each pie was then cut into seven pieces and sold. There were a total of 56 pieces to sell. How many pies did the club make?

6

394) Anjali had some paper with which to make note cards. On her way to her room she found three more pieces to use. In her room she cut each piece of paper in half. When she was done she had 26 half-pieces of paper. With how many sheets of paper did she start?

10

396) Eduardo had some candy to give to his five children. He first took seven pieces for himself and then evenly divided the rest among his children. Each child received three pieces. With how many pieces did he start?

22

398) Jacob wanted to make note cards by cutting pieces of paper in half. Before starting he got six more pieces to use. When he was done he had 30 half-pieces of paper. With how many pieces did he start?

9

400) You bought a magazine for \$4.30 and some notepads for \$3.70 each. You spent a total of \$26.50. How many notepads did you buy?

6

402) Half of your baseball card collection got wet and was ruined. You bought 6 cards to replace some that were lost. How many did you begin with if you now have 27?

42

404) Pranav had some paper with which to make note cards. On his way to his room he found five more pieces to use. In his room he cut each piece of paper in half. When he was done he had 24 half-pieces of paper. With how many sheets of paper did he start?

7

406) The sum of three consecutive even numbers is 54. What is the smallest of these numbers?

16

395) The Cooking Club made some pies to sell during lunch to raise money for an end-of-year banquet. The cafeteria contributed two pies to the club. Each pie was then cut into eight pieces and sold. There were a total of 72 pieces to sell. How many pies did the club make?

7

397) Chelsea spent half of her weekly allowance on clothes. To earn more money her parents let her mow the lawn for \$8. What is her weekly allowance if she ended with \$12.70?

\$9.40

399) Kayla had \$21.80 to spend on four notebooks. After buying them she had \$9.40. How much did each notebook cost?

\$3.10

401) Molly spent half of her weekly allowance on clothes. To earn more money her parents let her clean the windows in the house for \$4.56. What is her weekly allowance if she ended with \$13.83?

\$18.54

403) Sarawong bought five boxes. A week later half of all his boxes were destroyed in a fire. There are now only 22 boxes left. With how many did he start?

39

405) The Cooking Club made some pies to sell at a basketball game to raise money for the new math books. The cafeteria contributed three pies to the sale. Each pie was then cut into seven pieces and sold. There were a total of 84 pieces to sell. How many pies did the club make?

9

407) Shanice bought six boxes. A week later half of all her boxes were destroyed in a fire. There are now only 21 boxes left. With how many did she start?

36

408) Julia won 45 lollipops playing basketball at the county fair. At school she gave three to every student in her math class. She only has 3 remaining. How many students are in her class?

14

410) How old am I if 300 reduced by 3 times my age is 93?

69

412) Mofor spent half of his weekly allowance playing mini-golf. To earn more money his parents let him wash the car for \$9.10. What is his weekly allowance if he ended with \$13.10?

\$8

414) Anjali won 60 pieces of gum playing basketball at her school's game night. Later, she gave two to each of her friends. She only has 6 remaining. How many friends does she have?

27

416) Krystal had some candy to give to her five children. She first took nine pieces for herself and then evenly divided the rest among her children. Each child received three pieces. With how many pieces did she start?

24

418) Jessica had some candy to give to her three children. She first took nine pieces for herself and then evenly divided the rest among her children. Each child received two pieces. With how many pieces did she start?

15

420) You had \$23.40 to spend on six notebooks. After buying them you had \$9. How much did each notebook cost?

\$2.40

409) The Cooking Club made some pies to sell at a basketball game to raise money for the new math books. The cafeteria contributed two pies to the sale. Each pie was then cut into eight pieces and sold. There were a total of 96 pieces to sell. How many pies did the club make?

10

411) The Cooking Club made some pies to sell during lunch to raise money for an end-of-year banquet. The cafeteria contributed four pies to the club. Each pie was then cut into eight pieces and sold. There were a total of 80 pieces to sell. How many pies did the club make?

6

413) Daniel spent half of his weekly allowance on clothes. To earn more money his parents let him wash the dog for \$7.78. What is his weekly allowance if he ended with \$16.56?

\$17.56

415) You had \$22.20 to spend on seven raffle tickets. After buying them you had \$2.18. How much did each raffle ticket cost?

\$2.86

417) Darryl won 86 super bouncy balls playing the bean bag toss at his school's game night. Later, he gave three to each of his friends. He only has 2 remaining. How many friends does he have?

28

419) Lisa spent half of her weekly allowance at the movies. To earn more money her parents let her mow the lawn for \$6.06. What is her weekly allowance if she ended with \$14.34?

\$16.56

421) Julia had some candy to give to her three children. She first took four pieces for herself and then evenly divided the rest among her children. Each child received two pieces. With how many pieces did she start?

10

423) A wise man once said, "500 reduced by twice my age is 376." What is his age?

62

425) Rob bought eight boxes. A week later half of all his boxes were destroyed in a fire. There are now only 13 boxes left. With how many did he start?

18

427) The Cooking Club made some pies to sell during lunch to raise money for a field trip. The cafeteria helped by donating two pies to the club. Each pie was then cut into seven pieces and sold. There were a total of 77 pieces to sell. How many pies did the club make?

9

429) Julia sold half of her comic books and then bought fifteen more. She now has 30. With how many did she begin?

30

431) Half of your baseball card collection got wet and was ruined. You bought 13 cards to replace some that were lost. How many did you begin with if you now have 36?

46

433) Joe wanted to make note cards by cutting pieces of paper in half. Before starting he got five more pieces to use. When he was done he had 30 half-pieces of paper. With how many pieces did he start?

10

422) Lea spent half of her weekly allowance at the movies. To earn more money her parents let her clean the gutters for \$4.52. What is her weekly allowance if she ended with \$8.91?

\$8.78

424) Darryl was going to sell all of his stamp collection to buy a video game. After selling half of them he changed his mind. He then bought nine more. How many did he start with if he now has 38?

58

426) Mei's Bikes rents bikes for \$10.06 plus \$7.52 per hour. Kristin paid \$40.14 to rent a bike. For how many hours did she rent the bike?

4

428) The Cooking Club made some pies to sell during lunch to raise money for a field trip. The cafeteria helped by donating four pies to the club. Each pie was then cut into four pieces and sold. There were a total of 40 pieces to sell. How many pies did the club make?

6

430) Eugene had some candy to give to his three children. He first took three pieces for himself and then evenly divided the rest among his children. Each child received two pieces. With how many pieces did he start?

9

432) Krystal had \$24.80 to spend on seven raffle tickets. After buying them she had \$10.10. How much did each raffle ticket cost?

\$2.10

434) Jenny won 67 pieces of gum playing horseshoes at her school's game night. Later, she gave two to each of her friends. She only has 9 remaining. How many friends does she have?

29

435) Willie wanted to make note cards by cutting pieces of paper in half. Before starting he got four more pieces to use. When he was done he had 24 half-pieces of paper. With how many pieces did he start?

8

437) Imani spent half of her weekly allowance playing mini-golf. To earn more money her parents let her weed the garden for \$6.10. What is her weekly allowance if she ended with \$14.30?

\$16.40

439) Anjali wanted to make note cards by cutting pieces of paper in half. Before starting she got six more pieces to use. When she was done she had 26 half-pieces of paper. With how many pieces did she start?

7

441) Eduardo won 50 super bouncy balls playing hoops at the county fair. At school he gave two to every student in his math class. He only has 6 remaining. How many students are in his class?

22

443) Carlos won 86 super bouncy balls playing horseshoes at the county fair. At school he gave four to every student in his math class. He only has 2 remaining. How many students are in his class?

21

445) The Cooking Club made some pies to sell at a basketball game to raise money for the new math books. The cafeteria contributed two pies to the sale. Each pie was then cut into six pieces and sold. There were a total of 42 pieces to sell. How many pies did the club make?

5

447) Amy spent half of her weekly allowance playing mini-golf. To earn more money her parents let her clean the oven for \$4.60. What is her weekly allowance if she ended with \$13.30?

\$17.40

436) Jose had some candy to give to his three children. He first took six pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start?

21

438) The Cooking Club made some pies to sell during lunch to raise money for an end-of-year banquet. The cafeteria contributed four pies to the club. Each pie was then cut into eight pieces and sold. There were a total of 96 pieces to sell. How many pies did the club make?

8

440) Gabriella won 77 pieces of gum playing horseshoes at the county fair. At school she gave three to every student in her math class. She only has 5 remaining. How many students are in her class?

24

442) Half of your baseball card collection got wet and was ruined. You bought 13 cards to replace some that were lost. How many did you begin with if you now have 37?

48

444) Jaidee spent half of her weekly allowance playing arcade games. To earn more money her parents let her clean the oven for \$6.70. What is her weekly allowance if she ended with \$12.60?

\$11.80

446) Asanji spent half of his weekly allowance playing arcade games. To earn more money his parents let him clean the gutters for \$8.60. What is his weekly allowance if he ended with \$12.30?

\$7.40

448) Trevon spent half of his weekly allowance buying pizza. To earn more money his parents let him weed the garden for \$9.91. What is his weekly allowance if he ended with \$17.74?

\$15.66

- 449) You had \$24.50 to spend on four pencils. After buying them you had \$12.90. How much did each pencil cost?  
**\$2.90**
- 451) Lea wanted to make note cards by cutting pieces of paper in half. Before starting she got two more pieces to use. When she was done she had 16 half-pieces of paper. With how many pieces did she start?  
**6**
- 453) You bought a magazine for \$7 and four notepads. You spent a total of \$26.20. How much did each notepad cost?  
**\$4.80**
- 455) James sold half of his comic books and then bought seven more. He now has 26. With how many did he begin?  
**38**
- 457) Arjun had some candy to give to his four children. He first took seven pieces for himself and then evenly divided the rest among his children. Each child received two pieces. With how many pieces did he start?  
**15**
- 459) Mike spent half of his weekly allowance on clothes. To earn more money his parents let him wash the dog for \$8. What is his weekly allowance if he ended with \$12.40?  
**\$8.80**
- 461) Perry had some candy to give to his three children. He first took one piece for himself and then evenly divided the rest among his children. Each child received two pieces. With how many pieces did he start?  
**7**
- 450) Half of your baseball card collection got wet and was ruined. You bought 18 cards to replace some that were lost. How many did you begin with if you now have 35?  
**34**
- 452) Perry spent half of his weekly allowance playing mini-golf. To earn more money his parents let him clean the gutters for \$5.66. What is his weekly allowance if he ended with \$9.34?  
**\$7.36**
- 454) For a field trip 15 students rode in cars and the rest filled six buses. How many students were in each bus if 291 students were on the trip?  
**46**
- 456) Asanji bought seven posters. A week later half of all his posters were destroyed in a fire. There are now only 12 posters left. With how many did he start?  
**17**
- 458) Half of your baseball card collection got wet and was ruined. You bought 4 cards to replace some that were lost. How many did you begin with if you now have 22?  
**36**
- 460) Ashley had some paper with which to make note cards. On her way to her room she found three more pieces to use. In her room she cut each piece of paper in half. When she was done she had 18 half-pieces of paper. With how many sheets of paper did she start?  
**6**
- 462) 603 students went on a field trip. Ten buses were filled and 23 students traveled in cars. How many students were in each bus?  
**58**

463) Joe had some candy to give to his four children. He first took two pieces for himself and then evenly divided the rest among his children. Each child received three pieces. With how many pieces did he start?

14

465) The Cooking Club made some pies to sell at a basketball game to raise money for the new math books. The cafeteria contributed four pies to the sale. Each pie was then cut into eight pieces and sold. There were a total of 104 pieces to sell. How many pies did the club make?

9

467) Jacob wanted to make note cards by cutting pieces of paper in half. Before starting he got six more pieces to use. When he was done he had 28 half-pieces of paper. With how many pieces did he start?

8

469) Mofor sold half of his comic books and then bought eleven more. He now has 33. With how many did he begin?

44

471) Aliyah wanted to make note cards by cutting pieces of paper in half. Before starting she got two more pieces to use. When she was done she had 14 half-pieces of paper. With how many pieces did she start?

5

473) The Cooking Club made some pies to sell during lunch to raise money for an end-of-year banquet. The cafeteria contributed four pies to the club. Each pie was then cut into seven pieces and sold. There were a total of 70 pieces to sell. How many pies did the club make?

6

464) Stephanie had some candy to give to her four children. She first took two pieces for herself and then evenly divided the rest among her children. Each child received four pieces. With how many pieces did she start?

18

466) Julio had some candy to give to his three children. He first took four pieces for himself and then evenly divided the rest among his children. Each child received five pieces. With how many pieces did he start?

19

468) Jimmy spent half of his weekly allowance buying pizza. To earn more money his parents let him mow the lawn for \$6.90. What is his weekly allowance if he ended with \$15.70?

\$17.60

470) Darryl won 97 pieces of gum playing horseshoes at his school's game night. Later, he gave three to each of his friends. He only has 7 remaining. How many friends does he have?

30

472) Krystal had some candy to give to her three children. She first took seven pieces for herself and then evenly divided the rest among her children. Each child received five pieces. With how many pieces did she start?

22

474) How old am I if 400 reduced by 4 times my age is 92?

77

- 475) Castel had some candy to give to his five children. He first took eight pieces for himself and then evenly divided the rest among his children. Each child received three pieces. With how many pieces did he start?  
23
- 477) How old am I if 500 reduced by 3 times my age is 263?  
79
- 479) A wise man once said, "500 reduced by 4 times my age is 144." What is his age?  
89
- 481) The sum of three consecutive odd numbers is 45. What is the smallest of these numbers?  
13
- 483) For a field trip 30 students rode in cars and the rest filled six buses. How many students were in each bus if 306 students were on the trip?  
46
- 485) Jasmine spent half of her weekly allowance on clothes. To earn more money her parents let her clean the gutters for \$4. What is her weekly allowance if she ended with \$12.50?  
\$17
- 487) Kim had some paper with which to make note cards. On her way to her room she found two more pieces to use. In her room she cut each piece of paper in half. When she was done she had 18 half-pieces of paper. With how many sheets of paper did she start?  
7
- 476) Beth wanted to make note cards by cutting pieces of paper in half. Before starting she got three more pieces to use. When she was done she had 12 half-pieces of paper. With how many pieces did she start?  
3
- 478) Eduardo won 116 lollipops playing basketball at his school's game night. Later, he gave four to each of his friends. He only has 8 remaining. How many friends does he have?  
27
- 480) Paul sold half of his comic books and then bought eight more. He now has 27. With how many did he begin?  
38
- 482) Jack had some candy to give to his three children. He first took two pieces for himself and then evenly divided the rest among his children. Each child received two pieces. With how many pieces did he start?  
8
- 484) Nicole spent half of her weekly allowance buying pizza. To earn more money her parents let her clean the windows in the house for \$4.80. What is her weekly allowance if she ended with \$8.30?  
\$7
- 486) Nicole was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought five more. How many did she start with if she now has 24?  
38
- 488) Amanda bought four CDs. A week later half of all her CDs were destroyed in a fire. There are now only 14 CDs left. With how many did she start?  
24

489) Anjali won 85 super bouncy balls playing horseshoes at her school's game night. Later, she gave three to each of her friends. She only has 10 remaining. How many friends does she have?

25

491) 297 students went on a field trip. Five buses were filled and 7 students traveled in cars. How many students were in each bus?

58

493) How old am I if 300 reduced by 3 times my age is 48?

84

495) The sum of three consecutive odd numbers is 39. What is the smallest of these numbers?

11

497) Jasmine bought ten posters. A week later half of all her posters were destroyed in a fire. There are now only 18 posters left. With how many did she start?

26

499) The Cooking Club made some pies to sell at a basketball game to raise money for the new math books. The cafeteria contributed three pies to the sale. Each pie was then cut into seven pieces and sold. There were a total of 56 pieces to sell. How many pies did the club make?

5

490) Cody bought seven hats. A week later half of all his hats were destroyed in a fire. There are now only 23 hats left. With how many did he start?

39

492) Chelsea won 45 lollipops playing basketball at her school's game night. Later, she gave three to each of her friends. She only has 6 remaining. How many friends does she have?

13

494) Castel won 94 pieces of gum playing the bean bag toss at the county fair. At school he gave three to every student in his math class. He only has 1 remaining. How many students are in his class?

31

496) Daniel won 123 lollipops playing hoops at the county fair. At school he gave four to every student in his math class. He only has 3 remaining. How many students are in his class?

30

498) The sum of three consecutive even numbers is 90. What is the smallest of these numbers?

28

500) Chelsea spent half of her weekly allowance buying pizza. To earn more money her parents let her clean the gutters for \$6.50. What is her weekly allowance if she ended with \$16.50?

\$20