

## Systems of equations - Elimination - simple

**Solve by using elimination method**

$$1) \begin{cases} -x - 2y = 10 \\ -x + 2y = -6 \end{cases}$$

$$2) \begin{cases} -3x - 4y = 11 \\ 3x - 4y = 5 \end{cases}$$

$$3) \begin{cases} -3x - 3y = -6 \\ -x + 3y = 2 \end{cases}$$

$$4) \begin{cases} -x - 2y = 7 \\ 4x + 2y = -4 \end{cases}$$

$$\begin{aligned} 5) \quad & -2x + y = 2 \\ & 3x - y = -5 \end{aligned}$$

$$\begin{aligned} 6) \quad & -4x - 2y = 8 \\ & 4x + 4y = -12 \end{aligned}$$

$$\begin{aligned} 7) \quad & 3x - 2y = 10 \\ & -3x + 3y = -9 \end{aligned}$$

$$\begin{aligned} 8) \quad & -3x + 2y = 11 \\ & -3x - 2y = -5 \end{aligned}$$

$$\begin{aligned} 9) \quad x - 3y &= -9 \\ -x - 3y &= -3 \end{aligned}$$

$$\begin{aligned} 10) \quad -x + y &= -3 \\ x - 3y &= 9 \end{aligned}$$

$$\begin{aligned} 11) \quad -4x - 4y &= -12 \\ 4x + 3y &= 11 \end{aligned}$$

$$\begin{aligned} 12) \quad -2x - 2y &= 10 \\ -3x + 2y &= 10 \end{aligned}$$

$$\begin{aligned} 13) \quad & 2x + y = -7 \\ & -2x - 4y = 10 \end{aligned}$$

$$\begin{aligned} 14) \quad & 4x - 2y = 6 \\ & 3x + 2y = -6 \end{aligned}$$

$$\begin{aligned} 15) \quad & 3x - 3y = -3 \\ & 4x + 3y = 10 \end{aligned}$$

$$\begin{aligned} 16) \quad & -4x + 4y = 4 \\ & 4x + 4y = -12 \end{aligned}$$

$$\begin{aligned} 17) \quad & -3x + 4y = -12 \\ & -4x - 4y = 12 \end{aligned}$$

$$\begin{aligned} 18) \quad & 2x + 2y = 6 \\ & -x - 2y = -7 \end{aligned}$$

$$\begin{aligned} 19) \quad & x + 3y = 9 \\ & -x + 2y = 1 \end{aligned}$$

$$\begin{aligned} 20) \quad & -x + 3y = 5 \\ & 2x - 3y = -1 \end{aligned}$$

$$\begin{aligned} 21) \quad & 2x - 2y = 6 \\ & -4x + 2y = -6 \end{aligned}$$

$$\begin{aligned} 22) \quad & 2x + 2y = 2 \\ & 2x - 2y = -10 \end{aligned}$$

$$\begin{aligned} 23) \quad & -2x + 4y = -8 \\ & 2x - 4y = 8 \end{aligned}$$

$$\begin{aligned} 24) \quad & x - y = 1 \\ & -x + 2y = -5 \end{aligned}$$

$$\begin{aligned} 25) \quad x + 4y &= 12 \\ -x - 4y &= -12 \end{aligned}$$

$$\begin{aligned} 26) \quad -3x - 4y &= 3 \\ 3x + 4y &= -6 \end{aligned}$$

$$\begin{aligned} 27) \quad 3x - 2y &= -1 \\ -3x + 2y &= 1 \end{aligned}$$

$$\begin{aligned} 28) \quad -2x - 3y &= 0 \\ 2x + 3y &= 0 \end{aligned}$$

$$\begin{aligned} 29) \quad & 4x + y = -3 \\ & -4x - 2y = 6 \end{aligned}$$

$$\begin{aligned} 30) \quad & x + 2y = 7 \\ & -x + 3y = 8 \end{aligned}$$

$$\begin{aligned} 31) \quad & -3x + 2y = -4 \\ & 3x - y = 5 \end{aligned}$$

$$\begin{aligned} 32) \quad & -x + 4y = -2 \\ & x - 3y = 2 \end{aligned}$$



$$\begin{aligned} 33) \quad x - 4y &= -3 \\ -2x + 4y &= 2 \end{aligned}$$

$$\begin{aligned} 34) \quad -x - y &= 0 \\ x + 4y &= 12 \end{aligned}$$

$$\begin{aligned} 35) \quad 2x + 4y &= -10 \\ -x - 4y &= 9 \end{aligned}$$

$$\begin{aligned} 36) \quad x - 2y &= 1 \\ -x + 4y &= 1 \end{aligned}$$

$$\begin{aligned} 37) \quad & -2x + 2y = -6 \\ & -4x - 2y = 0 \end{aligned}$$

$$\begin{aligned} 38) \quad & 4x - 3y = -2 \\ & x + 3y = -8 \end{aligned}$$

$$\begin{aligned} 39) \quad & -2x + y = -5 \\ & -3x - y = -5 \end{aligned}$$

$$\begin{aligned} 40) \quad & 2x - 2y = 0 \\ & 2x + 2y = 4 \end{aligned}$$

$$\begin{aligned} 41) \quad x - 3y &= 7 \\ -x - 2y &= -2 \end{aligned}$$

$$\begin{aligned} 42) \quad x + y &= -3 \\ -x - 4y &= 6 \end{aligned}$$

$$\begin{aligned} 43) \quad -4x - 4y &= -12 \\ x + 4y &= 0 \end{aligned}$$

$$\begin{aligned} 44) \quad 3x + 2y &= -2 \\ -3x + 3y &= 12 \end{aligned}$$

$$\begin{aligned} 45) \quad & 3x - y = 5 \\ & -3x - 4y = -10 \end{aligned}$$

$$\begin{aligned} 46) \quad & 3x - 3y = -6 \\ & -3x - y = 2 \end{aligned}$$

$$\begin{aligned} 47) \quad & -4x - 3y = -4 \\ & 4x + 4y = 0 \end{aligned}$$

$$\begin{aligned} 48) \quad & 3x - y = -5 \\ & -2x + y = 3 \end{aligned}$$

$$\begin{aligned} 49) \quad & -4x - y = 0 \\ & 4x - y = 8 \end{aligned}$$

$$\begin{aligned} 50) \quad & 3x - 3y = 0 \\ & -3x + 4y = 2 \end{aligned}$$

$$\begin{aligned} 51) \quad & x + 4y = -12 \\ & 2x - 4y = 12 \end{aligned}$$

$$\begin{aligned} 52) \quad & -2x + 2y = -6 \\ & 4x - 2y = 12 \end{aligned}$$

$$\begin{aligned} 53) \quad & -3x + 4y = -3 \\ & 3x + 3y = 3 \end{aligned}$$

$$\begin{aligned} 54) \quad & -3x + 2y = -7 \\ & 3x - y = 8 \end{aligned}$$

$$\begin{aligned} 55) \quad & -x + y = -7 \\ & x - y = 7 \end{aligned}$$

$$\begin{aligned} 56) \quad & 3x + 4y = -6 \\ & -3x - 4y = 6 \end{aligned}$$

$$57) \begin{aligned} x - 3y &= -3 \\ -x + 3y &= 4 \end{aligned}$$

$$58) \begin{aligned} 3x + 3y &= 0 \\ -3x - 3y &= 3 \end{aligned}$$

$$59) \begin{aligned} -4x - 3y &= 3 \\ x + 3y &= 6 \end{aligned}$$

$$60) \begin{aligned} -2x + y &= -7 \\ -2x - y &= -9 \end{aligned}$$

$$\begin{aligned} 61) \quad & -x - 4y = -4 \\ & x + 2y = 2 \end{aligned}$$

$$\begin{aligned} 62) \quad & -2x + y = -8 \\ & 2x - 2y = 10 \end{aligned}$$

$$\begin{aligned} 63) \quad & 3x - 3y = 0 \\ & x + 3y = 8 \end{aligned}$$

$$\begin{aligned} 64) \quad & -x + 2y = 3 \\ & x - y = -2 \end{aligned}$$



$$\begin{aligned} 65) \quad & -4x - 2y = -8 \\ & -3x + 2y = -6 \end{aligned}$$

$$\begin{aligned} 66) \quad & -3x - 2y = 4 \\ & x + 2y = -4 \end{aligned}$$

$$\begin{aligned} 67) \quad & 2x - 4y = -2 \\ & -2x - 2y = -4 \end{aligned}$$

$$\begin{aligned} 68) \quad & -x + y = 6 \\ & x + 4y = 9 \end{aligned}$$

$$\begin{aligned} 69) \quad & 3x - 2y = -8 \\ & -3x + 3y = 9 \end{aligned}$$

$$\begin{aligned} 70) \quad & -3x - 3y = 6 \\ & 3x - y = 2 \end{aligned}$$

$$\begin{aligned} 71) \quad & -2x + 4y = -4 \\ & -x - 4y = -8 \end{aligned}$$

$$\begin{aligned} 72) \quad & x + 2y = 8 \\ & -3x - 2y = -12 \end{aligned}$$

$$\begin{aligned} 73) \quad x + 3y &= 2 \\ -x - 2y &= -2 \end{aligned}$$

$$\begin{aligned} 74) \quad 2x - y &= -2 \\ -2x + 2y &= -2 \end{aligned}$$

$$\begin{aligned} 75) \quad -4x - y &= 12 \\ 4x + 3y &= -12 \end{aligned}$$

$$\begin{aligned} 76) \quad x - 3y &= -3 \\ -x - 2y &= -2 \end{aligned}$$

$$\begin{aligned} 77) \quad & 4x + 4y = -12 \\ & 2x - 4y = 6 \end{aligned}$$

$$\begin{aligned} 78) \quad & 2x + 4y = 0 \\ & 2x - 4y = 8 \end{aligned}$$

$$\begin{aligned} 79) \quad & -2x - 3y = -6 \\ & 4x + 3y = 6 \end{aligned}$$

$$\begin{aligned} 80) \quad & 3x - 2y = -4 \\ & -3x + 4y = 2 \end{aligned}$$

$$\begin{aligned} 81) \quad & -x + 4y = -12 \\ & x - y = 0 \end{aligned}$$

$$\begin{aligned} 82) \quad & x - 2y = 1 \\ & 3x + 2y = -5 \end{aligned}$$

$$\begin{aligned} 83) \quad & x - 2y = 1 \\ & -x + 3y = 0 \end{aligned}$$

$$\begin{aligned} 84) \quad & 3x + 3y = -6 \\ & 4x - 3y = -8 \end{aligned}$$

$$\begin{aligned} 85) \quad & 4x + y = 9 \\ & -4x - y = -4 \end{aligned}$$

$$\begin{aligned} 86) \quad & 4x + 3y = 4 \\ & -4x - 3y = 3 \end{aligned}$$

$$\begin{aligned} 87) \quad & x - 4y = 11 \\ & -x + 4y = -11 \end{aligned}$$

$$\begin{aligned} 88) \quad & -2x + 3y = -10 \\ & 2x - 3y = 10 \end{aligned}$$

$$\begin{aligned} 89) \quad & 2x - 4y = 6 \\ & -2x + 4y = -6 \end{aligned}$$

$$\begin{aligned} 90) \quad & x + y = 2 \\ & -3x - y = -8 \end{aligned}$$

$$\begin{aligned} 91) \quad & -2x + y = -5 \\ & 2x - 2y = 8 \end{aligned}$$

$$\begin{aligned} 92) \quad & 2x - 2y = 2 \\ & x + 2y = -11 \end{aligned}$$

$$\begin{aligned} 93) \quad & -x + y = -3 \\ & -2x - y = -6 \end{aligned}$$

$$\begin{aligned} 94) \quad & -2x - 3y = 12 \\ & 4x + 3y = -12 \end{aligned}$$

$$\begin{aligned} 95) \quad & -x - y = 2 \\ & x + 3y = -2 \end{aligned}$$

$$\begin{aligned} 96) \quad & -2x + 4y = 8 \\ & 2x - 2y = -2 \end{aligned}$$



$$\begin{aligned} 97) \quad & -3x - 4y = 8 \\ & -2x + 4y = 12 \end{aligned}$$

$$\begin{aligned} 98) \quad & -x - 3y = 2 \\ & -4x + 3y = -7 \end{aligned}$$

$$\begin{aligned} 99) \quad & -3x + 2y = 2 \\ & -2x - 2y = 8 \end{aligned}$$

$$\begin{aligned} 100) \quad & 3x - 3y = -12 \\ & -3x + y = 12 \end{aligned}$$

$$\begin{aligned} 101) \quad & 4x + 3y = -2 \\ & 4x + 2y = -8 \end{aligned}$$

$$\begin{aligned} 102) \quad & -3x - 4y = -4 \\ & -3x - y = -10 \end{aligned}$$

$$\begin{aligned} 103) \quad & x - 2y = -8 \\ & 5x - 2y = 8 \end{aligned}$$

$$\begin{aligned} 104) \quad & 2x - 5y = -10 \\ & 2x - y = -2 \end{aligned}$$

$$\begin{aligned} 105) \quad x - 3y &= -10 \\ x + 2y &= 0 \end{aligned}$$

$$\begin{aligned} 106) \quad -x - 4y &= -1 \\ -4x - 4y &= -16 \end{aligned}$$

$$\begin{aligned} 107) \quad x + y &= 4 \\ x - 6y &= -17 \end{aligned}$$

$$\begin{aligned} 108) \quad x + 3y &= 5 \\ -3x + 3y &= -15 \end{aligned}$$

$$\begin{aligned} 109) \quad & 6x + y = 6 \\ & 6x + 2y = 0 \end{aligned}$$

$$\begin{aligned} 110) \quad & -x - 3y = 15 \\ & 2x - 3y = 15 \end{aligned}$$

$$\begin{aligned} 111) \quad & 5x - y = -10 \\ & 4x - y = -9 \end{aligned}$$

$$\begin{aligned} 112) \quad & -6x - y = -5 \\ & -6x - 3y = -3 \end{aligned}$$

$$\begin{aligned} 113) \quad & 3x - y = 9 \\ & 3x - 5y = -15 \end{aligned}$$

$$\begin{aligned} 114) \quad & -4x + 3y = 11 \\ & -3x + 3y = 12 \end{aligned}$$

$$\begin{aligned} 115) \quad & -4x - y = -15 \\ & -4x - y = -15 \end{aligned}$$

$$\begin{aligned} 116) \quad & x - 3y = -1 \\ & 3x - 3y = 9 \end{aligned}$$

$$117) \begin{aligned} -2x - 5y &= -6 \\ -2x - 5y &= -6 \end{aligned}$$

$$118) \begin{aligned} -x + y &= 12 \\ -x + y &= 12 \end{aligned}$$

$$119) \begin{aligned} x - y &= -10 \\ x - y &= -10 \end{aligned}$$

$$120) \begin{aligned} 6x + 2y &= 10 \\ 6x - y &= 13 \end{aligned}$$

$$\begin{aligned} 121) \quad & -x - 2y = 15 \\ & -2x - 2y = 18 \end{aligned}$$

$$\begin{aligned} 122) \quad & x + y = 5 \\ & x - 2y = 5 \end{aligned}$$

$$\begin{aligned} 123) \quad & 4x + 2y = 14 \\ & 4x + 6y = 10 \end{aligned}$$

$$\begin{aligned} 124) \quad & 2x + 2y = -12 \\ & -3x + 2y = 3 \end{aligned}$$

$$\begin{aligned} 125) \quad & -4x - 5y = 12 \\ & -2x - 5y = 16 \end{aligned}$$

$$\begin{aligned} 126) \quad & -3x - 3y = 9 \\ & -3x + 4y = -5 \end{aligned}$$

$$\begin{aligned} 127) \quad & 2x + 4y = -6 \\ & 2x - y = 4 \end{aligned}$$

$$\begin{aligned} 128) \quad & x - y = -1 \\ & 2x - y = 4 \end{aligned}$$



$$\begin{aligned} 129) \quad & -4x - 5y = -10 \\ & -4x - 6y = -8 \end{aligned}$$

$$\begin{aligned} 130) \quad & -3x + 4y = -7 \\ & -6x + 4y = -10 \end{aligned}$$

$$\begin{aligned} 131) \quad & -4x - 5y = 6 \\ & -2x - 5y = -2 \end{aligned}$$

$$\begin{aligned} 132) \quad & 3x + 3y = 3 \\ & 2x + 3y = 7 \end{aligned}$$

$$\begin{aligned} 133) \quad x + 5y &= -1 \\ x - 3y &= 7 \end{aligned}$$

$$\begin{aligned} 134) \quad -x - y &= -1 \\ -x - 6y &= 4 \end{aligned}$$

$$\begin{aligned} 135) \quad 6x - 3y &= 3 \\ 6x + 4y &= -4 \end{aligned}$$

$$\begin{aligned} 136) \quad 6x + 2y &= -6 \\ 6x + 6y &= 18 \end{aligned}$$

$$\begin{aligned} 137) \quad & 5x - y = -13 \\ & -3x - y = 3 \end{aligned}$$

$$\begin{aligned} 138) \quad & 6x - 6y = 12 \\ & -4x - 6y = 2 \end{aligned}$$

$$\begin{aligned} 139) \quad & 4x + 3y = 7 \\ & 4x + 5y = 9 \end{aligned}$$

$$\begin{aligned} 140) \quad & -4x - 3y = -1 \\ & -4x - 2y = 2 \end{aligned}$$

$$\begin{aligned} 141) \quad & -3x + 3y = 3 \\ & -3x + 2y = 5 \end{aligned}$$

$$\begin{aligned} 142) \quad & x - 2y = -4 \\ & 3x - 2y = -12 \end{aligned}$$

$$\begin{aligned} 143) \quad & 6x + 5y = 8 \\ & 5x + 5y = 10 \end{aligned}$$

$$\begin{aligned} 144) \quad & -6x - y = -18 \\ & -6x + 3y = 6 \end{aligned}$$

$$\begin{aligned} 145) \quad & 5x - y = -11 \\ & 5x + 2y = -8 \end{aligned}$$

$$\begin{aligned} 146) \quad & -4x + 2y = 12 \\ & -3x + 2y = 6 \end{aligned}$$

$$\begin{aligned} 147) \quad & x - 2y = 12 \\ & x - 2y = 12 \end{aligned}$$

$$\begin{aligned} 148) \quad & -x - 2y = -12 \\ & -x - 2y = -12 \end{aligned}$$

$$149) \begin{aligned} 3x - 2y &= 7 \\ 3x - 2y &= 6 \end{aligned}$$

$$150) \begin{aligned} 6x + 3y &= -18 \\ 6x + 3y &= -18 \end{aligned}$$

$$151) \begin{aligned} -2x + 2y &= -2 \\ -x + 2y &= -6 \end{aligned}$$

$$152) \begin{aligned} 2x - 4y &= -10 \\ x - 4y &= -13 \end{aligned}$$

$$\begin{aligned} 153) \quad & 6x - 5y = -12 \\ & 6x - y = 12 \end{aligned}$$

$$\begin{aligned} 154) \quad & x + y = 3 \\ & x - 2y = -9 \end{aligned}$$

$$\begin{aligned} 155) \quad & 4x + 4y = 0 \\ & 4x + 3y = -2 \end{aligned}$$

$$\begin{aligned} 156) \quad & -4x + 5y = 18 \\ & -4x - y = -18 \end{aligned}$$

$$\begin{aligned} 157) \quad & -2x + y = 12 \\ & -3x + y = 18 \end{aligned}$$

$$\begin{aligned} 158) \quad & -5x + 6y = 1 \\ & 4x + 6y = 10 \end{aligned}$$

$$\begin{aligned} 159) \quad & 3x + 6y = 3 \\ & 3x + y = -2 \end{aligned}$$

$$\begin{aligned} 160) \quad & 6x + 5y = -6 \\ & 4x + 5y = 6 \end{aligned}$$



$$\begin{aligned} 161) \quad & -x + y = -5 \\ & -x - 3y = 11 \end{aligned}$$

$$\begin{aligned} 162) \quad & -x + 6y = -8 \\ & 6x + 6y = 6 \end{aligned}$$

$$\begin{aligned} 163) \quad & 3x - 4y = -8 \\ & 5x - 4y = -16 \end{aligned}$$

$$\begin{aligned} 164) \quad & -2x - 2y = 8 \\ & -3x - 2y = 9 \end{aligned}$$

$$\begin{aligned} 165) \quad & 5x + y = -11 \\ & -2x + y = 10 \end{aligned}$$

$$\begin{aligned} 166) \quad & 2x + 2y = 8 \\ & 2x + 3y = 14 \end{aligned}$$

$$\begin{aligned} 167) \quad & -6x + 3y = 6 \\ & -x + 3y = 1 \end{aligned}$$

$$\begin{aligned} 168) \quad & 4x + y = 12 \\ & 3x + y = 9 \end{aligned}$$

$$\begin{aligned} 169) \quad & 5x - 6y = 2 \\ & 6x - 6y = 6 \end{aligned}$$

$$\begin{aligned} 170) \quad & 4x + 3y = 11 \\ & 5x + 3y = 13 \end{aligned}$$

$$\begin{aligned} 171) \quad & -3x + 3y = 0 \\ & 5x + 3y = 8 \end{aligned}$$

$$\begin{aligned} 172) \quad & x - 2y = 1 \\ & 5x - 2y = -3 \end{aligned}$$

$$\begin{aligned} 173) \quad x + 2y &= 17 \\ -6x + 2y &= -18 \end{aligned}$$

$$\begin{aligned} 174) \quad 5x + 4y &= -12 \\ 5x + y &= -18 \end{aligned}$$

$$\begin{aligned} 175) \quad -5x + 2y &= 5 \\ -5x - 6y &= 5 \end{aligned}$$

$$\begin{aligned} 176) \quad x + y &= -4 \\ x + y &= -4 \end{aligned}$$

$$\begin{aligned} 177) \quad & 5x - 6y = 0 \\ & 3x - 6y = -12 \end{aligned}$$

$$\begin{aligned} 178) \quad & 3x - 5y = -9 \\ & 3x - 5y = -12 \end{aligned}$$

$$\begin{aligned} 179) \quad & 5x + 2y = -13 \\ & 5x + 2y = -13 \end{aligned}$$

$$\begin{aligned} 180) \quad & x + 2y = 13 \\ & x + 2y = 12 \end{aligned}$$

$$\begin{aligned} 181) \quad & 5x + 3y = -13 \\ & 5x + 3y = -18 \end{aligned}$$

$$\begin{aligned} 182) \quad & 3x - 2y = 3 \\ & 3x - 5y = -15 \end{aligned}$$

$$\begin{aligned} 183) \quad & 4x - 5y = -3 \\ & -3x - 5y = 11 \end{aligned}$$

$$\begin{aligned} 184) \quad & -6x + 3y = -15 \\ & -6x - 2y = -10 \end{aligned}$$

$$\begin{aligned} 185) \quad & 4x - 2y = 4 \\ & 4x - 6y = -12 \end{aligned}$$

$$\begin{aligned} 186) \quad & 6x + 2y = 18 \\ & 2x + 2y = 6 \end{aligned}$$

$$\begin{aligned} 187) \quad & 6x - y = 10 \\ & 4x - y = 6 \end{aligned}$$

$$\begin{aligned} 188) \quad & 5x - y = 8 \\ & -6x - y = -3 \end{aligned}$$

$$\begin{aligned} 189) \quad x + y &= 0 \\ 2x + y &= 0 \end{aligned}$$

$$\begin{aligned} 190) \quad 3x - 6y &= -6 \\ x - 6y &= 2 \end{aligned}$$

$$\begin{aligned} 191) \quad x + 2y &= 17 \\ -2x + 2y &= 2 \end{aligned}$$

$$\begin{aligned} 192) \quad -3x - 4y &= -3 \\ -2x - 4y &= -6 \end{aligned}$$



$$\begin{aligned} 193) \quad & -5x - 3y = -8 \\ & -5x + y = -4 \end{aligned}$$

$$\begin{aligned} 194) \quad & -5x - 6y = 6 \\ & -5x + 4y = -4 \end{aligned}$$

$$\begin{aligned} 195) \quad & 5x - 6y = 12 \\ & 3x - 6y = 12 \end{aligned}$$

$$\begin{aligned} 196) \quad & 6x + 4y = -10 \\ & 6x + 3y = -6 \end{aligned}$$

$$\begin{aligned} 197) \quad & 6x + 4y = 16 \\ & -x + 4y = -12 \end{aligned}$$

$$\begin{aligned} 198) \quad & -5x + 3y = 12 \\ & -3x + 3y = 0 \end{aligned}$$

$$\begin{aligned} 199) \quad & -5x + 3y = 9 \\ & 2x + 3y = -12 \end{aligned}$$

$$\begin{aligned} 200) \quad & -3x - 3y = -6 \\ & x - 3y = 6 \end{aligned}$$

$$\begin{aligned} 201) \quad & 3x + 4y = -20 \\ & -7x - 2y = -12 \end{aligned}$$

$$\begin{aligned} 202) \quad & -4x - 3y = 28 \\ & x + y = -8 \end{aligned}$$

$$\begin{aligned} 203) \quad & 7x + 7y = -21 \\ & 14x + 2y = 18 \end{aligned}$$

$$\begin{aligned} 204) \quad & 2x + 6y = 26 \\ & -8x + 3y = 4 \end{aligned}$$

$$\begin{aligned} 205) \quad & 6x + 15y = 9 \\ & -2x + 5y = 7 \end{aligned}$$

$$\begin{aligned} 206) \quad & -4x + 2y = 28 \\ & -8x + 10y = 20 \end{aligned}$$

$$\begin{aligned} 207) \quad & 2x + y = 16 \\ & 3x + 9y = -6 \end{aligned}$$

$$\begin{aligned} 208) \quad & x - 9y = -20 \\ & 2x - 18y = -24 \end{aligned}$$

$$\begin{aligned} 209) \quad x + 2y &= 1 \\ 4x + 8y &= 4 \end{aligned}$$

$$\begin{aligned} 210) \quad 18x + 18y &= 18 \\ 9x + 9y &= -9 \end{aligned}$$

$$\begin{aligned} 211) \quad -x + y &= 3 \\ -10x + 10y &= 30 \end{aligned}$$

$$\begin{aligned} 212) \quad 3x + 20y &= -13 \\ -5x - 10y &= -25 \end{aligned}$$

$$\begin{aligned} 213) \quad & -8x + 8y = 16 \\ & x - 9y = -10 \end{aligned}$$

$$\begin{aligned} 214) \quad & 6x - 6y = -24 \\ & -4x + 2y = -2 \end{aligned}$$

$$\begin{aligned} 215) \quad & -4x + 3y = 29 \\ & -8x - 10y = 10 \end{aligned}$$

$$\begin{aligned} 216) \quad & -9x + 2y = 17 \\ & -3x - 4y = -13 \end{aligned}$$

$$\begin{aligned} 217) \quad x - 2y &= 1 \\ -3x + 12y &= -9 \end{aligned}$$

$$\begin{aligned} 218) \quad 9x - 3y &= 15 \\ -18x + 4y &= -20 \end{aligned}$$

$$\begin{aligned} 219) \quad -2x - y &= -5 \\ -10x + 5y &= 25 \end{aligned}$$

$$\begin{aligned} 220) \quad -12x - 3y &= -21 \\ 6x - 2y &= 0 \end{aligned}$$

$$\begin{aligned} 221) \quad & -8x - y = -15 \\ & 7x - 7y = 21 \end{aligned}$$

$$\begin{aligned} 222) \quad & -x + 4y = -10 \\ & -3x + 8y = -10 \end{aligned}$$

$$\begin{aligned} 223) \quad & -6x + 5y = -21 \\ & -3x - 2y = 3 \end{aligned}$$

$$\begin{aligned} 224) \quad & -x + y = 5 \\ & 3x - 11y = -23 \end{aligned}$$



$$\begin{aligned} 225) \quad & -3x + y = 0 \\ & -8x + 11y = 0 \end{aligned}$$

$$\begin{aligned} 226) \quad & 4x + 6y = -22 \\ & -3x - 3y = 3 \end{aligned}$$

$$\begin{aligned} 227) \quad & 6x + 2y = 6 \\ & 12x + 7y = 12 \end{aligned}$$

$$\begin{aligned} 228) \quad & 3x + 2y = 13 \\ & 5x + 8y = 3 \end{aligned}$$

$$\begin{aligned} 229) \quad & -10x - 10y = 10 \\ & 5x + y = -13 \end{aligned}$$

$$\begin{aligned} 230) \quad & -8x + 7y = 12 \\ & 9x - y = 14 \end{aligned}$$

$$\begin{aligned} 231) \quad & -16x + y = -9 \\ & 8x - 3y = -13 \end{aligned}$$

$$\begin{aligned} 232) \quad & -7x - 9y = -14 \\ & 14x + 7y = 28 \end{aligned}$$

$$\begin{aligned} 233) \quad & 4x - 12y = 24 \\ & -10x + 4y = -8 \end{aligned}$$

$$\begin{aligned} 234) \quad & 12x + 7y = -5 \\ & -6x - 2y = 4 \end{aligned}$$

$$\begin{aligned} 235) \quad & -2x + 7y = 18 \\ & -6x + 3y = -18 \end{aligned}$$

$$\begin{aligned} 236) \quad & -4x + 5y = 4 \\ & 2x + 3y = -2 \end{aligned}$$

$$\begin{aligned} 237) \quad & -8x + 5y = 18 \\ & -4x + 8y = 20 \end{aligned}$$

$$\begin{aligned} 238) \quad & -10x - 90y = 0 \\ & x + 9y = -1 \end{aligned}$$

$$\begin{aligned} 239) \quad & 3x - 5y = -30 \\ & x - 10y = -10 \end{aligned}$$

$$\begin{aligned} 240) \quad & 4x + 8y = -12 \\ & -8x - 16y = 24 \end{aligned}$$

$$\begin{aligned} 241) \quad & 16x + 4y = -16 \\ & 8x + 2y = -8 \end{aligned}$$

$$\begin{aligned} 242) \quad & -5x + 2y = 7 \\ & 10x - 4y = -14 \end{aligned}$$

$$\begin{aligned} 243) \quad & 6x + 5y = 16 \\ & 2x - 15y = -28 \end{aligned}$$

$$\begin{aligned} 244) \quad & x - 2y = 0 \\ & -3x + 10y = 8 \end{aligned}$$

$$\begin{aligned} 245) \quad & -5x + y = 3 \\ & 15x - 4y = -12 \end{aligned}$$

$$\begin{aligned} 246) \quad & 6x - 7y = 15 \\ & -3x + 10y = 12 \end{aligned}$$

$$\begin{aligned} 247) \quad & -10x - 3y = 13 \\ & 5x - 10y = 5 \end{aligned}$$

$$\begin{aligned} 248) \quad & -6x - 8y = -22 \\ & -9x - 4y = -17 \end{aligned}$$

$$\begin{aligned} 249) \quad & -4x + 3y = -17 \\ & -8x + 8y = -24 \end{aligned}$$

$$\begin{aligned} 250) \quad & 5x - 8y = 28 \\ & x + 2y = 2 \end{aligned}$$

$$\begin{aligned} 251) \quad & -3x + 7y = 26 \\ & -6x + 4y = -28 \end{aligned}$$

$$\begin{aligned} 252) \quad & 7x + y = 28 \\ & 5x - 9y = 20 \end{aligned}$$

$$\begin{aligned} 253) \quad & 8x + 3y = 10 \\ & 16x + 5y = 30 \end{aligned}$$

$$\begin{aligned} 254) \quad & -2x - 2y = 2 \\ & -x - 10y = -17 \end{aligned}$$

$$\begin{aligned} 255) \quad & 9x + y = 16 \\ & -10x - 11y = 2 \end{aligned}$$

$$\begin{aligned} 256) \quad & 16x - 10y = 20 \\ & 8x - y = -30 \end{aligned}$$



$$\begin{aligned} 257) \quad & -12x - 6y = 24 \\ & 2x + 5y = -4 \end{aligned}$$

$$\begin{aligned} 258) \quad & -10x - 3y = -23 \\ & -x - 5y = -7 \end{aligned}$$

$$\begin{aligned} 259) \quad & -12x + 7y = 3 \\ & 4x - 10y = 22 \end{aligned}$$

$$\begin{aligned} 260) \quad & -7x + 12y = -15 \\ & -3x - 3y = 18 \end{aligned}$$

$$\begin{aligned} 261) \quad & -5x - 16y = -26 \\ & 10x - 8y = 12 \end{aligned}$$

$$\begin{aligned} 262) \quad & -x - 5y = -8 \\ & 5x + 10y = -5 \end{aligned}$$

$$\begin{aligned} 263) \quad & -16x - 6y = 16 \\ & -8x + y = 8 \end{aligned}$$

$$\begin{aligned} 264) \quad & -x - 8y = 10 \\ & 6x + 7y = -19 \end{aligned}$$

$$\begin{aligned} 265) \quad & -8x - 10y = -20 \\ & -4x + 2y = 4 \end{aligned}$$

$$\begin{aligned} 266) \quad & -x + 6y = -12 \\ & 3x - 12y = 18 \end{aligned}$$

$$\begin{aligned} 267) \quad & -3x - 10y = -3 \\ & 12x - 3y = 12 \end{aligned}$$

$$\begin{aligned} 268) \quad & 6x - 2y = 30 \\ & -x + y = -11 \end{aligned}$$

$$\begin{aligned} 269) \quad & -12x - 12y = 0 \\ & 3x + 3y = -6 \end{aligned}$$

$$\begin{aligned} 270) \quad & -20x + 18y = -30 \\ & -10x + 9y = -15 \end{aligned}$$

$$\begin{aligned} 271) \quad & 2x + 14y = 0 \\ & x + 7y = 0 \end{aligned}$$

$$\begin{aligned} 272) \quad & 3x - 10y = -12 \\ & 6x - 20y = -30 \end{aligned}$$

$$\begin{aligned} 273) \quad & 4x - 18y = 20 \\ & 2x - 9y = 10 \end{aligned}$$

$$\begin{aligned} 274) \quad & -2x + 5y = -28 \\ & 12x + 3y = -30 \end{aligned}$$

$$\begin{aligned} 275) \quad & -9x + 7y = -17 \\ & -8x + 14y = 16 \end{aligned}$$

$$\begin{aligned} 276) \quad & -6x - 2y = 12 \\ & 12x + y = -6 \end{aligned}$$

$$\begin{aligned} 277) \quad & -12x - 10y = -24 \\ & -2x - 2y = -6 \end{aligned}$$

$$\begin{aligned} 278) \quad & -6x + 5y = 3 \\ & -x - y = 17 \end{aligned}$$

$$\begin{aligned} 279) \quad & x + 5y = -6 \\ & 5x + 7y = -12 \end{aligned}$$

$$\begin{aligned} 280) \quad & -8x - 6y = 28 \\ & 2x + 12y = -28 \end{aligned}$$

$$\begin{aligned} 281) \quad & -3x + 9y = -12 \\ & -8x + 18y = -8 \end{aligned}$$

$$\begin{aligned} 282) \quad & 6x - y = -5 \\ & -10x - 8y = 18 \end{aligned}$$

$$\begin{aligned} 283) \quad & 8x - y = -9 \\ & -16x + 4y = 20 \end{aligned}$$

$$\begin{aligned} 284) \quad & -16x - 7y = 7 \\ & 8x - 8y = 8 \end{aligned}$$

$$\begin{aligned} 285) \quad & -4x - 7y = -11 \\ & 5x + 14y = 19 \end{aligned}$$

$$\begin{aligned} 286) \quad & 16x - 10y = 18 \\ & 8x - 6y = 6 \end{aligned}$$

$$\begin{aligned} 287) \quad & 3x + y = -10 \\ & 8x + 6y = 0 \end{aligned}$$

$$\begin{aligned} 288) \quad & 3x - 8y = 27 \\ & -x + 2y = -7 \end{aligned}$$



$$\begin{aligned} 289) \quad & 12x + y = 16 \\ & 6x + 5y = 26 \end{aligned}$$

$$\begin{aligned} 290) \quad & -9x - 4y = 3 \\ & -10x - 8y = 14 \end{aligned}$$

$$\begin{aligned} 291) \quad & 4x + y = 7 \\ & -12x - 5y = -3 \end{aligned}$$

$$\begin{aligned} 292) \quad & 10x - 6y = 24 \\ & -x + 5y = 24 \end{aligned}$$

$$\begin{aligned} 293) \quad & -12x - y = 2 \\ & -6x + 5y = -10 \end{aligned}$$

$$\begin{aligned} 294) \quad & -3x - 4y = -10 \\ & 9x + 3y = 21 \end{aligned}$$

$$\begin{aligned} 295) \quad & -5x - 2y = -11 \\ & -10x + 8y = 14 \end{aligned}$$

$$\begin{aligned} 296) \quad & 3x - 15y = 3 \\ & -4x + 5y = 11 \end{aligned}$$

$$\begin{aligned} 297) \quad & -2x - y = -10 \\ & -10x + 6y = -28 \end{aligned}$$

$$\begin{aligned} 298) \quad & 6x - 2y = -14 \\ & 3x - 10y = 11 \end{aligned}$$

$$\begin{aligned} 299) \quad & 8x + 8y = -16 \\ & -2x + 2y = -24 \end{aligned}$$

$$\begin{aligned} 300) \quad & 18x - 4y = 30 \\ & -9x + 2y = -6 \end{aligned}$$

$$\begin{aligned} 301) \quad & -11x - 7y = 0 \\ & -22x - 14y = 0 \end{aligned}$$

$$\begin{aligned} 302) \quad & 72x - 12y = -12 \\ & 12x - 2y = -2 \end{aligned}$$

$$\begin{aligned} 303) \quad & 21x - 42y = -42 \\ & 7x - 14y = -21 \end{aligned}$$

$$\begin{aligned} 304) \quad & -7x - 11y = -29 \\ & 6x + 22y = -38 \end{aligned}$$

$$\begin{aligned} 305) \quad & 4x - y = -26 \\ & 12x - 12y = 12 \end{aligned}$$

$$\begin{aligned} 306) \quad & -10x + 6y = -34 \\ & 5x - 13y = 7 \end{aligned}$$

$$\begin{aligned} 307) \quad & 28x - y = 1 \\ & 14x - 13y = 13 \end{aligned}$$

$$\begin{aligned} 308) \quad & -7x + 16y = 0 \\ & 9x + 4y = 0 \end{aligned}$$

$$\begin{aligned} 309) \quad & 10x + 6y = -36 \\ & 20x + 2y = -12 \end{aligned}$$

$$\begin{aligned} 310) \quad & 2x - 4y = 6 \\ & -6x - 8y = 22 \end{aligned}$$

$$\begin{aligned} 311) \quad & 14x - 7y = 21 \\ & 2x + 6y = -32 \end{aligned}$$

$$\begin{aligned} 312) \quad & -18x + 10y = -40 \\ & 9x - y = -32 \end{aligned}$$

$$\begin{aligned} 313) \quad & 12x + 10y = -28 \\ & 6x + 6y = -6 \end{aligned}$$

$$\begin{aligned} 314) \quad & -3x + y = -5 \\ & 6x + 9y = 21 \end{aligned}$$

$$\begin{aligned} 315) \quad & -10x + 8y = -42 \\ & 6x - 4y = 30 \end{aligned}$$

$$\begin{aligned} 316) \quad & x + 4y = -16 \\ & -14x - y = 4 \end{aligned}$$

$$\begin{aligned} 317) \quad & -13x - 3y = 20 \\ & 26x + 10y = -32 \end{aligned}$$

$$\begin{aligned} 318) \quad & 12x + 4y = 4 \\ & 6x + 5y = -40 \end{aligned}$$

$$\begin{aligned} 319) \quad & 2x - 3y = 26 \\ & 14x - 5y = 22 \end{aligned}$$

$$\begin{aligned} 320) \quad & -10x + 4y = 4 \\ & -5x + y = 16 \end{aligned}$$



$$\begin{aligned} 321) \quad & 8x + 8y = 24 \\ & -4x - 9y = -17 \end{aligned}$$

$$\begin{aligned} 322) \quad & x + y = -5 \\ & 7x + 6y = -31 \end{aligned}$$

$$\begin{aligned} 323) \quad & -14x - 28y = 28 \\ & -10x + 14y = 20 \end{aligned}$$

$$\begin{aligned} 324) \quad & -2x + 8y = 38 \\ & -x + 13y = 37 \end{aligned}$$

$$\begin{aligned} 325) \quad & -13x + 10y = -36 \\ & -x + 2y = -4 \end{aligned}$$

$$\begin{aligned} 326) \quad & -9x - 16y = -10 \\ & -8x - 8y = 16 \end{aligned}$$

$$\begin{aligned} 327) \quad & 12x - 6y = -6 \\ & 24x - 4y = 12 \end{aligned}$$

$$\begin{aligned} 328) \quad & 6x + 8y = -24 \\ & 8x - 4y = -32 \end{aligned}$$

$$\begin{aligned} 329) \quad & -2x - 12y = 14 \\ & -x - 6y = 7 \end{aligned}$$

$$\begin{aligned} 330) \quad & -x + 2y = -15 \\ & 5x + 12y = -35 \end{aligned}$$

$$\begin{aligned} 331) \quad & 3x - 11y = -14 \\ & -6x + 22y = 28 \end{aligned}$$

$$\begin{aligned} 332) \quad & 13x - 10y = -12 \\ & -26x + 20y = 30 \end{aligned}$$

$$\begin{aligned} 333) \quad & 7x + 3y = 9 \\ & 21x + 9y = -3 \end{aligned}$$

$$\begin{aligned} 334) \quad & -15x + 2y = 31 \\ & -3x + y = 11 \end{aligned}$$

$$\begin{aligned} 335) \quad & -5x - 3y = -14 \\ & -10x - 6y = -28 \end{aligned}$$

$$\begin{aligned} 336) \quad & -5x - 8y = -9 \\ & 11x + 16y = 31 \end{aligned}$$

$$\begin{aligned} 337) \quad & 2x + 6y = 38 \\ & -4x - 4y = 12 \end{aligned}$$

$$\begin{aligned} 338) \quad & -5x - 26y = -11 \\ & -3x - 13y = -4 \end{aligned}$$

$$\begin{aligned} 339) \quad & 21x - 9y = 12 \\ & -7x + 4y = -17 \end{aligned}$$

$$\begin{aligned} 340) \quad & 12x - 12y = 24 \\ & -7x + 6y = -25 \end{aligned}$$

$$\begin{aligned} 341) \quad & -9x - 2y = 24 \\ & 18x - 12y = 0 \end{aligned}$$

$$\begin{aligned} 342) \quad & -7x + y = 36 \\ & 4x + 4y = -16 \end{aligned}$$

$$\begin{aligned} 343) \quad & 7x + 7y = -14 \\ & x - y = -2 \end{aligned}$$

$$\begin{aligned} 344) \quad & 14x + 4y = 30 \\ & 5x + 2y = 17 \end{aligned}$$

$$\begin{aligned} 345) \quad x + y &= 10 \\ -2x - 10y &= -12 \end{aligned}$$

$$\begin{aligned} 346) \quad -8x + 11y &= 22 \\ -16x - 6y &= -12 \end{aligned}$$

$$\begin{aligned} 347) \quad -4x + 22y &= 14 \\ 13x + 11y &= 37 \end{aligned}$$

$$\begin{aligned} 348) \quad 14x - 6y &= -10 \\ -13x + y &= -41 \end{aligned}$$

$$\begin{aligned} 349) \quad & -4x + 8y = -28 \\ & x + 2y = -21 \end{aligned}$$

$$\begin{aligned} 350) \quad & 9x + y = 21 \\ & 13x + 4y = 15 \end{aligned}$$

$$\begin{aligned} 351) \quad & 4x + 3y = 28 \\ & 13x - 6y = 28 \end{aligned}$$

$$\begin{aligned} 352) \quad & -15x + 14y = -9 \\ & -5x + 10y = -35 \end{aligned}$$



$$\begin{aligned} 353) \quad & -4x + 10y = -26 \\ & 5x + 20y = 0 \end{aligned}$$

$$\begin{aligned} 354) \quad & -16x - 11y = -35 \\ & -4x - y = -21 \end{aligned}$$

$$\begin{aligned} 355) \quad & -7x + 8y = 38 \\ & 2x + 2y = 2 \end{aligned}$$

$$\begin{aligned} 356) \quad & -22x - 5y = 18 \\ & 11x + y = -30 \end{aligned}$$

$$\begin{aligned} 357) \quad & -6x + 3y = 30 \\ & -3x + 7y = -29 \end{aligned}$$

$$\begin{aligned} 358) \quad & -6x - 24y = 24 \\ & 3x - 12y = 12 \end{aligned}$$

$$\begin{aligned} 359) \quad & 18x + 7y = -17 \\ & 6x - 5y = 31 \end{aligned}$$

$$\begin{aligned} 360) \quad & x - y = 17 \\ & 6x + 4y = -38 \end{aligned}$$

$$\begin{aligned} 361) \quad & 8x + 8y = 16 \\ & -4x - 4y = -8 \end{aligned}$$

$$\begin{aligned} 362) \quad & 26x - 12y = -42 \\ & -13x + 6y = 34 \end{aligned}$$

$$\begin{aligned} 363) \quad & -x + 9y = -9 \\ & 2x - 18y = 16 \end{aligned}$$

$$\begin{aligned} 364) \quad & 8x - 7y = 23 \\ & -16x + 14y = -30 \end{aligned}$$

$$\begin{aligned} 365) \quad & 22x - 6y = 22 \\ & 11x - 5y = -11 \end{aligned}$$

$$\begin{aligned} 366) \quad & 6x + 5y = 40 \\ & -18x - 3y = -24 \end{aligned}$$

$$\begin{aligned} 367) \quad & x - 7y = -18 \\ & 8x - 21y = -4 \end{aligned}$$

$$\begin{aligned} 368) \quad & -5x - 10y = 10 \\ & -11x - 5y = -29 \end{aligned}$$

$$\begin{aligned} 369) \quad & -3x + 11y = 39 \\ & 11x - 22y = -33 \end{aligned}$$

$$\begin{aligned} 370) \quad & 16x - 11y = -15 \\ & -8x - 3y = 33 \end{aligned}$$

$$\begin{aligned} 371) \quad & x - 3y = -5 \\ & 14x + 12y = -16 \end{aligned}$$

$$\begin{aligned} 372) \quad & 7x - 6y = 14 \\ & -14x + 3y = -28 \end{aligned}$$

$$\begin{aligned} 373) \quad x - 5y &= -34 \\ -6x - 15y &= 24 \end{aligned}$$

$$\begin{aligned} 374) \quad x - 6y &= -22 \\ 7x - 18y &= -10 \end{aligned}$$

$$\begin{aligned} 375) \quad x - y &= -18 \\ 13x + 9y &= -36 \end{aligned}$$

$$\begin{aligned} 376) \quad 5x - 8y &= 2 \\ 6x - 16y &= -4 \end{aligned}$$

$$\begin{aligned} 377) \quad & 16x - 6y = -32 \\ & -8x + 14y = 16 \end{aligned}$$

$$\begin{aligned} 378) \quad & 4x - 2y = 30 \\ & -7x + 14y = 0 \end{aligned}$$

$$\begin{aligned} 379) \quad & -x + 14y = -4 \\ & -8x - 3y = -32 \end{aligned}$$

$$\begin{aligned} 380) \quad & 4x + 8y = 0 \\ & -8x - y = 15 \end{aligned}$$

$$\begin{aligned} 381) \quad & -9x - 10y = 11 \\ & -11x - 5y = -1 \end{aligned}$$

$$\begin{aligned} 382) \quad & 4x + 3y = -30 \\ & x + y = -6 \end{aligned}$$

$$\begin{aligned} 383) \quad & -24x + 12y = 24 \\ & 12x + y = -12 \end{aligned}$$

$$\begin{aligned} 384) \quad & -7x + 2y = -1 \\ & -13x + 12y = 23 \end{aligned}$$



$$\begin{aligned} 385) \quad & 8x + 7y = 7 \\ & -4x + 10y = 10 \end{aligned}$$

$$\begin{aligned} 386) \quad & -14x - 16y = 8 \\ & 4x - 8y = -40 \end{aligned}$$

$$\begin{aligned} 387) \quad & -5x + 6y = 4 \\ & 2x + 18y = -22 \end{aligned}$$

$$\begin{aligned} 388) \quad & -5x - 2y = -25 \\ & -4x - 10y = -20 \end{aligned}$$

$$\begin{aligned} 389) \quad & -20x + 5y = -5 \\ & -10x - y = 29 \end{aligned}$$

$$\begin{aligned} 390) \quad & 2x + 3y = 8 \\ & -8x - 6y = -8 \end{aligned}$$

$$\begin{aligned} 391) \quad & 2x - 9y = 29 \\ & 8x + 10y = -22 \end{aligned}$$

$$\begin{aligned} 392) \quad & -18x - 22y = 2 \\ & -9x - 11y = 1 \end{aligned}$$

$$\begin{aligned} 393) \quad & -14x + 14y = 0 \\ & 28x - 28y = 0 \end{aligned}$$

$$\begin{aligned} 394) \quad & -3x - 2y = -4 \\ & 9x + 6y = -3 \end{aligned}$$

$$\begin{aligned} 395) \quad & -13x - 7y = 6 \\ & -39x - 21y = 18 \end{aligned}$$

$$\begin{aligned} 396) \quad & -4x - y = 30 \\ & 12x - 6y = 0 \end{aligned}$$

$$\begin{aligned} 397) \quad & -8x + 12y = 40 \\ & -x + 4y = 15 \end{aligned}$$

$$\begin{aligned} 398) \quad & 12x - 9y = -3 \\ & 6x + 8y = -14 \end{aligned}$$

$$\begin{aligned} 399) \quad & -12x - 8y = -24 \\ & -x - 2y = -10 \end{aligned}$$

$$\begin{aligned} 400) \quad & -14x - 3y = -19 \\ & 5x + 15y = -35 \end{aligned}$$

$$\begin{aligned} 401) \quad & 8x + 6y = 26 \\ & -24x + 12y = 12 \end{aligned}$$

$$\begin{aligned} 402) \quad & 2x + 7y = -4 \\ & 6x + 6y = 48 \end{aligned}$$

$$\begin{aligned} 403) \quad & 5x + 7y = -16 \\ & -15x - 2y = -9 \end{aligned}$$

$$\begin{aligned} 404) \quad & -24x + 8y = 40 \\ & -6x + 4y = -4 \end{aligned}$$

$$\begin{aligned} 405) \quad & -16x - 13y = 24 \\ & 32x + 20y = 0 \end{aligned}$$

$$\begin{aligned} 406) \quad & -16x - y = -32 \\ & -8x + 15y = -16 \end{aligned}$$

$$\begin{aligned} 407) \quad & -9x - y = 2 \\ & 18x + 3y = -24 \end{aligned}$$

$$\begin{aligned} 408) \quad & 16x + 7y = 37 \\ & -32x + 20y = 28 \end{aligned}$$

$$\begin{aligned} 409) \quad & -x - 19y = 25 \\ & -3x - 38y = 37 \end{aligned}$$

$$\begin{aligned} 410) \quad & 7x - 2y = 0 \\ & 4x - 8y = -48 \end{aligned}$$

$$\begin{aligned} 411) \quad & -5x + 17y = -17 \\ & -19x + 34y = -34 \end{aligned}$$

$$\begin{aligned} 412) \quad & -11x + 22y = -33 \\ & -13x + 11y = -24 \end{aligned}$$

$$\begin{aligned} 413) \quad & -7x + 2y = -43 \\ & 13x - 12y = 55 \end{aligned}$$

$$\begin{aligned} 414) \quad & -3x - 17y = -33 \\ & -9x - 34y = -48 \end{aligned}$$

$$\begin{aligned} 415) \quad & 8x - 28y = 0 \\ & 2x + 14y = -42 \end{aligned}$$

$$\begin{aligned} 416) \quad & -24x - 3y = 51 \\ & -12x - 17y = 41 \end{aligned}$$



$$\begin{aligned} 417) \quad & -32x + 16y = 32 \\ & 16x - 11y = -16 \end{aligned}$$

$$\begin{aligned} 418) \quad & 9x - 11y = -57 \\ & 18x + 6y = 54 \end{aligned}$$

$$\begin{aligned} 419) \quad & 17x + 16y = 35 \\ & 18x - 4y = 58 \end{aligned}$$

$$\begin{aligned} 420) \quad & 16x + 10y = 14 \\ & -8x + 4y = 20 \end{aligned}$$

$$\begin{aligned} 421) \quad & -18x + 30y = 54 \\ & -9x + 15y = 36 \end{aligned}$$

$$\begin{aligned} 422) \quad & -8x - 13y = -16 \\ & -16x - 26y = -32 \end{aligned}$$

$$\begin{aligned} 423) \quad & -8x - 4y = -44 \\ & -3x - 2y = -7 \end{aligned}$$

$$\begin{aligned} 424) \quad & -4x - 3y = -13 \\ & 20x + 15y = 45 \end{aligned}$$

$$\begin{aligned} 425) \quad & 16x + 6y = 44 \\ & -32x - 12y = -44 \end{aligned}$$

$$\begin{aligned} 426) \quad & -14x + 20y = -38 \\ & -28x + 40y = -48 \end{aligned}$$

$$\begin{aligned} 427) \quad & -13x + 14y = 41 \\ & 6x - 7y = -13 \end{aligned}$$

$$\begin{aligned} 428) \quad & 7x - 11y = -38 \\ & -14x + 10y = 4 \end{aligned}$$

$$\begin{aligned} 429) \quad & 19x - 19y = -57 \\ & x + 2y = -21 \end{aligned}$$

$$\begin{aligned} 430) \quad & -x - 17y = 59 \\ & -12x + 34y = -6 \end{aligned}$$

$$\begin{aligned} 431) \quad & 18x + 16y = -18 \\ & 7x + 32y = -7 \end{aligned}$$

$$\begin{aligned} 432) \quad & -26x - 8y = 38 \\ & 13x + 15y = 36 \end{aligned}$$

$$\begin{aligned} 433) \quad & 3x - 4y = 26 \\ & -5x + 20y = 10 \end{aligned}$$

$$\begin{aligned} 434) \quad & -x + 20y = -58 \\ & 2x - 4y = 44 \end{aligned}$$

$$\begin{aligned} 435) \quad & -24x - 3y = -27 \\ & 12x + 4y = -24 \end{aligned}$$

$$\begin{aligned} 436) \quad & 12x - 7y = 29 \\ & -2x - 2y = 30 \end{aligned}$$

$$\begin{aligned} 437) \quad & -2x + 10y = 30 \\ & -4x + y = 3 \end{aligned}$$

$$\begin{aligned} 438) \quad & 13x - 8y = -26 \\ & 9x - 2y = -18 \end{aligned}$$

$$\begin{aligned} 439) \quad & 16x + 17y = 3 \\ & -4x + 16y = 60 \end{aligned}$$

$$\begin{aligned} 440) \quad & -18x - y = 24 \\ & -36x - 8y = -24 \end{aligned}$$

$$\begin{aligned} 441) \quad & -3x - 5y = -9 \\ & -21x - 18y = -12 \end{aligned}$$

$$\begin{aligned} 442) \quad & 8x + 5y = -1 \\ & 16x + 20y = 28 \end{aligned}$$

$$\begin{aligned} 443) \quad & -18x - 11y = 40 \\ & -36x - 17y = -20 \end{aligned}$$

$$\begin{aligned} 444) \quad & -10x - 8y = -20 \\ & -5x - 7y = -55 \end{aligned}$$

$$\begin{aligned} 445) \quad & -12x - 17y = -24 \\ & -4x - 4y = -8 \end{aligned}$$

$$\begin{aligned} 446) \quad & -20x - 14y = -44 \\ & -x + 7y = -33 \end{aligned}$$

$$\begin{aligned} 447) \quad & 24x - 18y = 12 \\ & 12x - 12y = 24 \end{aligned}$$

$$\begin{aligned} 448) \quad & 16x - 7y = 34 \\ & -8x - 14y = -52 \end{aligned}$$



$$\begin{aligned} 449) \quad & 38x + 18y = 58 \\ & 19x + 19y = 19 \end{aligned}$$

$$\begin{aligned} 450) \quad & x + 24y = -51 \\ & -15x - 6y = 57 \end{aligned}$$

$$\begin{aligned} 451) \quad & 10x + 19y = 42 \\ & -15x - 38y = -44 \end{aligned}$$

$$\begin{aligned} 452) \quad & -2x - 11y = -12 \\ & -8x - 22y = 40 \end{aligned}$$

$$\begin{aligned} 453) \quad & -2x + 20y = -4 \\ & -4x + 40y = -8 \end{aligned}$$

$$\begin{aligned} 454) \quad & -8x + 6y = 2 \\ & -16x + 12y = 20 \end{aligned}$$

$$\begin{aligned} 455) \quad & -5x - 2y = 0 \\ & 15x + 6y = 0 \end{aligned}$$

$$\begin{aligned} 456) \quad & -16x - 14y = 12 \\ & 8x + 7y = -21 \end{aligned}$$

$$\begin{aligned} 457) \quad & 16x + 18y = 16 \\ & 32x - 7y = 32 \end{aligned}$$

$$\begin{aligned} 458) \quad & 20x - 24y = -12 \\ & -17x + 12y = 27 \end{aligned}$$

$$\begin{aligned} 459) \quad & 3x - 4y = -21 \\ & 6x - 9y = -51 \end{aligned}$$

$$\begin{aligned} 460) \quad & -x - y = 24 \\ & -5x + 4y = 3 \end{aligned}$$

$$\begin{aligned} 461) \quad & 5x - 4y = 15 \\ & -20x + 6y = -60 \end{aligned}$$

$$\begin{aligned} 462) \quad & -12x + 6y = -54 \\ & 4x + 3y = 23 \end{aligned}$$

$$\begin{aligned} 463) \quad & 7x - 10y = 40 \\ & 14x + y = -4 \end{aligned}$$

$$\begin{aligned} 464) \quad & x - 5y = 21 \\ & 3x + 15y = 3 \end{aligned}$$

$$\begin{aligned} 465) \quad & 16x + 16y = 48 \\ & -8x - 11y = 12 \end{aligned}$$

$$\begin{aligned} 466) \quad & -12x - 11y = 8 \\ & -3x - 3y = 0 \end{aligned}$$

$$\begin{aligned} 467) \quad & 10x + 7y = 9 \\ & -5x + 12y = -51 \end{aligned}$$

$$\begin{aligned} 468) \quad & 6x - 2y = 12 \\ & 12x + 17y = -39 \end{aligned}$$

$$\begin{aligned} 469) \quad & 7x + 20y = 54 \\ & -21x - 5y = -52 \end{aligned}$$

$$\begin{aligned} 470) \quad & 4x + 14y = -36 \\ & x - 7y = 33 \end{aligned}$$

$$\begin{aligned} 471) \quad & 5x + 2y = -14 \\ & 19x + 8y = -48 \end{aligned}$$

$$\begin{aligned} 472) \quad & 24x - 10y = -12 \\ & -12x + 8y = -12 \end{aligned}$$

$$\begin{aligned} 473) \quad & -6x - 3y = 51 \\ & -12x + 21y = 21 \end{aligned}$$

$$\begin{aligned} 474) \quad & 2x - 30y = -2 \\ & -9x - 10y = 9 \end{aligned}$$

$$\begin{aligned} 475) \quad & 15x + 15y = 15 \\ & -30x - 8y = -30 \end{aligned}$$

$$\begin{aligned} 476) \quad & -26x + 4y = 16 \\ & 13x - 7y = 37 \end{aligned}$$

$$\begin{aligned} 477) \quad & 11x - 17y = -32 \\ & -4x + 34y = -44 \end{aligned}$$

$$\begin{aligned} 478) \quad & 24x + 16y = 32 \\ & 8x + 9y = -37 \end{aligned}$$

$$\begin{aligned} 479) \quad & -6x - 2y = -12 \\ & 12x + 15y = -42 \end{aligned}$$

$$\begin{aligned} 480) \quad & 12x - 21y = 12 \\ & 5x - 7y = 12 \end{aligned}$$



$$\begin{aligned} 481) \quad & -19x + 9y = -19 \\ & x - 3y = 49 \end{aligned}$$

$$\begin{aligned} 482) \quad & x + 6y = 60 \\ & 4x - 2y = -46 \end{aligned}$$

$$\begin{aligned} 483) \quad & -6x + 8y = -40 \\ & 3x - 2y = -14 \end{aligned}$$

$$\begin{aligned} 484) \quad & -32x + 38y = -30 \\ & 16x - 19y = 18 \end{aligned}$$

$$\begin{aligned} 485) \quad & -10x + 12y = -30 \\ & -20x + 24y = -60 \end{aligned}$$

$$\begin{aligned} 486) \quad & x + 10y = 8 \\ & 2x + 20y = -6 \end{aligned}$$

$$\begin{aligned} 487) \quad & -8x + 19y = -7 \\ & 16x - 38y = 36 \end{aligned}$$

$$\begin{aligned} 488) \quad & 16x - 7y = -32 \\ & 32x - 15y = -48 \end{aligned}$$

$$\begin{aligned} 489) \quad & -15x + 6y = -27 \\ & 3x - 8y = 53 \end{aligned}$$

$$\begin{aligned} 490) \quad & -5x + 9y = 19 \\ & 18x - 18y = 18 \end{aligned}$$

$$\begin{aligned} 491) \quad & -12x + 5y = -10 \\ & -4x + 2y = -4 \end{aligned}$$

$$\begin{aligned} 492) \quad & -x + 10y = 2 \\ & -17x + 20y = 34 \end{aligned}$$

$$\begin{aligned} 493) \quad & -17x + 34y = 17 \\ & -10x + 17y = 25 \end{aligned}$$

$$\begin{aligned} 494) \quad & -14x - 6y = -14 \\ & 8x - 3y = -37 \end{aligned}$$

$$\begin{aligned} 495) \quad & -4x - 4y = -16 \\ & 24x + 20y = 28 \end{aligned}$$

$$\begin{aligned} 496) \quad & -2x + 11y = 20 \\ & -18x - 3y = -24 \end{aligned}$$

$$\begin{aligned} 497) \quad & -18x + 8y = -44 \\ & -36x + 7y = 2 \end{aligned}$$

$$\begin{aligned} 498) \quad & -38x - 19y = -19 \\ & 19x + 15y = 15 \end{aligned}$$

$$\begin{aligned} 499) \quad & -16x - 20y = 8 \\ & 8x + 15y = -14 \end{aligned}$$

$$\begin{aligned} 500) \quad & 6x - 2y = 34 \\ & -5x - y = 9 \end{aligned}$$

## Systems of equations - Elimination - simple

**Solve by using elimination method**

$$\begin{aligned} 1) \quad & -x - 2y = 10 \\ & -x + 2y = -6 \end{aligned}$$

$$(-2, -4)$$

$$\begin{aligned} 2) \quad & -3x - 4y = 11 \\ & 3x - 4y = 5 \end{aligned}$$

$$(-1, -2)$$

$$\begin{aligned} 3) \quad & -3x - 3y = -6 \\ & -x + 3y = 2 \end{aligned}$$

$$(1, 1)$$

$$\begin{aligned} 4) \quad & -x - 2y = 7 \\ & 4x + 2y = -4 \end{aligned}$$

$$(1, -4)$$

$$\begin{aligned} 5) \quad & -2x + y = 2 \\ & 3x - y = -5 \end{aligned}$$

$$(-3, -4)$$

$$\begin{aligned} 6) \quad & -4x - 2y = 8 \\ & 4x + 4y = -12 \end{aligned}$$

$$(-1, -2)$$

$$\begin{aligned} 7) \quad & 3x - 2y = 10 \\ & -3x + 3y = -9 \end{aligned}$$

$$(4, 1)$$

$$\begin{aligned} 8) \quad & -3x + 2y = 11 \\ & -3x - 2y = -5 \end{aligned}$$

$$(-1, 4)$$

$$\begin{aligned} 9) \quad x - 3y &= -9 \\ -x - 3y &= -3 \\ (-3, 2) \end{aligned}$$

$$\begin{aligned} 10) \quad -x + y &= -3 \\ x - 3y &= 9 \\ (0, -3) \end{aligned}$$

$$\begin{aligned} 11) \quad -4x - 4y &= -12 \\ 4x + 3y &= 11 \\ (2, 1) \end{aligned}$$

$$\begin{aligned} 12) \quad -2x - 2y &= 10 \\ -3x + 2y &= 10 \\ (-4, -1) \end{aligned}$$



$$\begin{aligned} 13) \quad & 2x + y = -7 \\ & -2x - 4y = 10 \\ & (-3, -1) \end{aligned}$$

$$\begin{aligned} 14) \quad & 4x - 2y = 6 \\ & 3x + 2y = -6 \\ & (0, -3) \end{aligned}$$

$$\begin{aligned} 15) \quad & 3x - 3y = -3 \\ & 4x + 3y = 10 \\ & (1, 2) \end{aligned}$$

$$\begin{aligned} 16) \quad & -4x + 4y = 4 \\ & 4x + 4y = -12 \\ & (-2, -1) \end{aligned}$$

$$17) -3x + 4y = -12$$

$$-4x - 4y = 12$$

$$(0, -3)$$

$$18) 2x + 2y = 6$$

$$-x - 2y = -7$$

$$(-1, 4)$$

$$19) x + 3y = 9$$

$$-x + 2y = 1$$

$$(3, 2)$$

$$20) -x + 3y = 5$$

$$2x - 3y = -1$$

$$(4, 3)$$

$$21) \begin{aligned} 2x - 2y &= 6 \\ -4x + 2y &= -6 \end{aligned}$$

$(0, -3)$

$$22) \begin{aligned} 2x + 2y &= 2 \\ 2x - 2y &= -10 \end{aligned}$$

$(-2, 3)$

$$23) \begin{aligned} -2x + 4y &= -8 \\ 2x - 4y &= 8 \end{aligned}$$

Infinite number of solutions

$$24) \begin{aligned} x - y &= 1 \\ -x + 2y &= -5 \end{aligned}$$

$(-3, -4)$

$$\begin{aligned} 25) \quad & x + 4y = 12 \\ & -x - 4y = -12 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 26) \quad & -3x - 4y = 3 \\ & 3x + 4y = -6 \end{aligned}$$

No solution

$$\begin{aligned} 27) \quad & 3x - 2y = -1 \\ & -3x + 2y = 1 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 28) \quad & -2x - 3y = 0 \\ & 2x + 3y = 0 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 29) \quad & 4x + y = -3 \\ & -4x - 2y = 6 \end{aligned}$$

$$(0, -3)$$

$$\begin{aligned} 30) \quad & x + 2y = 7 \\ & -x + 3y = 8 \end{aligned}$$

$$(1, 3)$$

$$\begin{aligned} 31) \quad & -3x + 2y = -4 \\ & 3x - y = 5 \end{aligned}$$

$$(2, 1)$$

$$\begin{aligned} 32) \quad & -x + 4y = -2 \\ & x - 3y = 2 \end{aligned}$$

$$(2, 0)$$

$$33) \begin{aligned} x - 4y &= -3 \\ -2x + 4y &= 2 \end{aligned}$$

$(1, 1)$

$$34) \begin{aligned} -x - y &= 0 \\ x + 4y &= 12 \end{aligned}$$

$(-4, 4)$

$$35) \begin{aligned} 2x + 4y &= -10 \\ -x - 4y &= 9 \end{aligned}$$

$(-1, -2)$

$$36) \begin{aligned} x - 2y &= 1 \\ -x + 4y &= 1 \end{aligned}$$

$(3, 1)$

$$\begin{aligned} 37) \quad & -2x + 2y = -6 \\ & -4x - 2y = 0 \end{aligned}$$

$$(1, -2)$$

$$\begin{aligned} 38) \quad & 4x - 3y = -2 \\ & x + 3y = -8 \end{aligned}$$

$$(-2, -2)$$

$$\begin{aligned} 39) \quad & -2x + y = -5 \\ & -3x - y = -5 \end{aligned}$$

$$(2, -1)$$

$$\begin{aligned} 40) \quad & 2x - 2y = 0 \\ & 2x + 2y = 4 \end{aligned}$$

$$(1, 1)$$

$$41) \begin{aligned} x - 3y &= 7 \\ -x - 2y &= -2 \end{aligned}$$

$$(4, -1)$$

$$42) \begin{aligned} x + y &= -3 \\ -x - 4y &= 6 \end{aligned}$$

$$(-2, -1)$$

$$43) \begin{aligned} -4x - 4y &= -12 \\ x + 4y &= 0 \end{aligned}$$

$$(4, -1)$$

$$44) \begin{aligned} 3x + 2y &= -2 \\ -3x + 3y &= 12 \end{aligned}$$

$$(-2, 2)$$



$$\begin{aligned} 45) \quad & 3x - y = 5 \\ & -3x - 4y = -10 \end{aligned}$$

$(2, 1)$

$$\begin{aligned} 46) \quad & 3x - 3y = -6 \\ & -3x - y = 2 \end{aligned}$$

$(-1, 1)$

$$\begin{aligned} 47) \quad & -4x - 3y = -4 \\ & 4x + 4y = 0 \end{aligned}$$

$(4, -4)$

$$\begin{aligned} 48) \quad & 3x - y = -5 \\ & -2x + y = 3 \end{aligned}$$

$(-2, -1)$

$$49) -4x - y = 0$$

$$4x - y = 8$$

$$(1, -4)$$

$$50) 3x - 3y = 0$$

$$-3x + 4y = 2$$

$$(2, 2)$$

$$51) x + 4y = -12$$

$$2x - 4y = 12$$

$$(0, -3)$$

$$52) -2x + 2y = -6$$

$$4x - 2y = 12$$

$$(3, 0)$$

$$53) \begin{cases} -3x + 4y = -3 \\ 3x + 3y = 3 \end{cases}$$

$(1, 0)$

$$54) \begin{cases} -3x + 2y = -7 \\ 3x - y = 8 \end{cases}$$

$(3, 1)$

$$55) \begin{cases} -x + y = -7 \\ x - y = 7 \end{cases}$$

No solution

$$56) \begin{cases} 3x + 4y = -6 \\ -3x - 4y = 6 \end{cases}$$

Infinite number of solutions

$$57) \begin{aligned} x - 3y &= -3 \\ -x + 3y &= 4 \end{aligned}$$

No solution

$$58) \begin{aligned} 3x + 3y &= 0 \\ -3x - 3y &= 3 \end{aligned}$$

No solution

$$59) \begin{aligned} -4x - 3y &= 3 \\ x + 3y &= 6 \end{aligned}$$

$(-3, 3)$

$$60) \begin{aligned} -2x + y &= -7 \\ -2x - y &= -9 \end{aligned}$$

$(4, 1)$

$$61) \begin{cases} -x - 4y = -4 \\ x + 2y = 2 \end{cases}$$

$$(0, 1)$$

$$62) \begin{cases} -2x + y = -8 \\ 2x - 2y = 10 \end{cases}$$

$$(3, -2)$$

$$63) \begin{cases} 3x - 3y = 0 \\ x + 3y = 8 \end{cases}$$

$$(2, 2)$$

$$64) \begin{cases} -x + 2y = 3 \\ x - y = -2 \end{cases}$$

$$(-1, 1)$$

$$\begin{aligned} 65) \quad & -4x - 2y = -8 \\ & -3x + 2y = -6 \end{aligned}$$

$$(2, 0)$$

$$\begin{aligned} 66) \quad & -3x - 2y = 4 \\ & x + 2y = -4 \end{aligned}$$

$$(0, -2)$$

$$\begin{aligned} 67) \quad & 2x - 4y = -2 \\ & -2x - 2y = -4 \end{aligned}$$

$$(1, 1)$$

$$\begin{aligned} 68) \quad & -x + y = 6 \\ & x + 4y = 9 \end{aligned}$$

$$(-3, 3)$$

$$69) \begin{aligned} 3x - 2y &= -8 \\ -3x + 3y &= 9 \end{aligned}$$

$$(-2, 1)$$

$$70) \begin{aligned} -3x - 3y &= 6 \\ 3x - y &= 2 \end{aligned}$$

$$(0, -2)$$

$$71) \begin{aligned} -2x + 4y &= -4 \\ -x - 4y &= -8 \end{aligned}$$

$$(4, 1)$$

$$72) \begin{aligned} x + 2y &= 8 \\ -3x - 2y &= -12 \end{aligned}$$

$$(2, 3)$$

$$\begin{aligned} 73) \quad x + 3y &= 2 \\ -x - 2y &= -2 \end{aligned}$$

$$(2, 0)$$

$$\begin{aligned} 74) \quad 2x - y &= -2 \\ -2x + 2y &= -2 \end{aligned}$$

$$(-3, -4)$$

$$\begin{aligned} 75) \quad -4x - y &= 12 \\ 4x + 3y &= -12 \end{aligned}$$

$$(-3, 0)$$

$$\begin{aligned} 76) \quad x - 3y &= -3 \\ -x - 2y &= -2 \end{aligned}$$

$$(0, 1)$$



$$77) \begin{cases} 4x + 4y = -12 \\ 2x - 4y = 6 \end{cases}$$

$$(-1, -2)$$

$$78) \begin{cases} 2x + 4y = 0 \\ 2x - 4y = 8 \end{cases}$$

$$(2, -1)$$

$$79) \begin{cases} -2x - 3y = -6 \\ 4x + 3y = 6 \end{cases}$$

$$(0, 2)$$

$$80) \begin{cases} 3x - 2y = -4 \\ -3x + 4y = 2 \end{cases}$$

$$(-2, -1)$$

$$81) \begin{aligned} -x + 4y &= -12 \\ x - y &= 0 \end{aligned}$$

$$(-4, -4)$$

$$82) \begin{aligned} x - 2y &= 1 \\ 3x + 2y &= -5 \end{aligned}$$

$$(-1, -1)$$

$$83) \begin{aligned} x - 2y &= 1 \\ -x + 3y &= 0 \end{aligned}$$

$$(3, 1)$$

$$84) \begin{aligned} 3x + 3y &= -6 \\ 4x - 3y &= -8 \end{aligned}$$

$$(-2, 0)$$

$$\begin{aligned} 85) \quad & 4x + y = 9 \\ & -4x - y = -4 \end{aligned}$$

**No solution**

$$\begin{aligned} 86) \quad & 4x + 3y = 4 \\ & -4x - 3y = 3 \end{aligned}$$

**No solution**

$$\begin{aligned} 87) \quad & x - 4y = 11 \\ & -x + 4y = -11 \end{aligned}$$

**Infinite number of solutions**

$$\begin{aligned} 88) \quad & -2x + 3y = -10 \\ & 2x - 3y = 10 \end{aligned}$$

**Infinite number of solutions**

$$\begin{aligned} 89) \quad & 2x - 4y = 6 \\ & -2x + 4y = -6 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 90) \quad & x + y = 2 \\ & -3x - y = -8 \end{aligned}$$

$(3, -1)$

$$\begin{aligned} 91) \quad & -2x + y = -5 \\ & 2x - 2y = 8 \end{aligned}$$

$(1, -3)$

$$\begin{aligned} 92) \quad & 2x - 2y = 2 \\ & x + 2y = -11 \end{aligned}$$

$(-3, -4)$

$$\begin{aligned} 93) \quad & -x + y = -3 \\ & -2x - y = -6 \end{aligned}$$

$$(3, 0)$$

$$\begin{aligned} 94) \quad & -2x - 3y = 12 \\ & 4x + 3y = -12 \end{aligned}$$

$$(0, -4)$$

$$\begin{aligned} 95) \quad & -x - y = 2 \\ & x + 3y = -2 \end{aligned}$$

$$(-2, 0)$$

$$\begin{aligned} 96) \quad & -2x + 4y = 8 \\ & 2x - 2y = -2 \end{aligned}$$

$$(2, 3)$$

$$\begin{aligned} 97) \quad & -3x - 4y = 8 \\ & -2x + 4y = 12 \\ & (-4, 1) \end{aligned}$$

$$\begin{aligned} 98) \quad & -x - 3y = 2 \\ & -4x + 3y = -7 \\ & (1, -1) \end{aligned}$$

$$\begin{aligned} 99) \quad & -3x + 2y = 2 \\ & -2x - 2y = 8 \\ & (-2, -2) \end{aligned}$$

$$\begin{aligned} 100) \quad & 3x - 3y = -12 \\ & -3x + y = 12 \\ & (-4, 0) \end{aligned}$$

$$101) \begin{cases} 4x + 3y = -2 \\ 4x + 2y = -8 \end{cases}$$

$$(-5, 6)$$

$$102) \begin{cases} -3x - 4y = -4 \\ -3x - y = -10 \end{cases}$$

$$(4, -2)$$

$$103) \begin{cases} x - 2y = -8 \\ 5x - 2y = 8 \end{cases}$$

$$(4, 6)$$

$$104) \begin{cases} 2x - 5y = -10 \\ 2x - y = -2 \end{cases}$$

$$(0, 2)$$

$$105) \begin{cases} x - 3y = -10 \\ x + 2y = 0 \end{cases}$$

$$(-4, 2)$$

$$106) \begin{cases} -x - 4y = -1 \\ -4x - 4y = -16 \end{cases}$$

$$(5, -1)$$

$$107) \begin{cases} x + y = 4 \\ x - 6y = -17 \end{cases}$$

$$(1, 3)$$

$$108) \begin{cases} x + 3y = 5 \\ -3x + 3y = -15 \end{cases}$$

$$(5, 0)$$



$$109) \begin{cases} 6x + y = 6 \\ 6x + 2y = 0 \end{cases}$$

$$(2, -6)$$

$$110) \begin{cases} -x - 3y = 15 \\ 2x - 3y = 15 \end{cases}$$

$$(0, -5)$$

$$111) \begin{cases} 5x - y = -10 \\ 4x - y = -9 \end{cases}$$

$$(-1, 5)$$

$$112) \begin{cases} -6x - y = -5 \\ -6x - 3y = -3 \end{cases}$$

$$(1, -1)$$

$$113) \begin{aligned} 3x - y &= 9 \\ 3x - 5y &= -15 \end{aligned}$$

$(5, 6)$

$$114) \begin{aligned} -4x + 3y &= 11 \\ -3x + 3y &= 12 \end{aligned}$$

$(1, 5)$

$$115) \begin{aligned} -4x - y &= -15 \\ -4x - y &= -15 \end{aligned}$$

Infinite number of solutions

$$116) \begin{aligned} x - 3y &= -1 \\ 3x - 3y &= 9 \end{aligned}$$

$(5, 2)$

$$117) \begin{aligned} -2x - 5y &= -6 \\ -2x - 5y &= -6 \end{aligned}$$

Infinite number of solutions

$$118) \begin{aligned} -x + y &= 12 \\ -x + y &= 12 \end{aligned}$$

Infinite number of solutions

$$119) \begin{aligned} x - y &= -10 \\ x - y &= -10 \end{aligned}$$

No solution

$$120) \begin{aligned} 6x + 2y &= 10 \\ 6x - y &= 13 \end{aligned}$$

$(2, -1)$

$$\begin{aligned} 121) \quad & -x - 2y = 15 \\ & -2x - 2y = 18 \end{aligned}$$

$$(-3, -6)$$

$$\begin{aligned} 122) \quad & x + y = 5 \\ & x - 2y = 5 \end{aligned}$$

$$(5, 0)$$

$$\begin{aligned} 123) \quad & 4x + 2y = 14 \\ & 4x + 6y = 10 \end{aligned}$$

$$(4, -1)$$

$$\begin{aligned} 124) \quad & 2x + 2y = -12 \\ & -3x + 2y = 3 \end{aligned}$$

$$(-3, -3)$$

$$\begin{aligned} 125) \quad & -4x - 5y = 12 \\ & -2x - 5y = 16 \end{aligned}$$

$$(2, -4)$$

$$\begin{aligned} 126) \quad & -3x - 3y = 9 \\ & -3x + 4y = -5 \end{aligned}$$

$$(-1, -2)$$

$$\begin{aligned} 127) \quad & 2x + 4y = -6 \\ & 2x - y = 4 \end{aligned}$$

$$(1, -2)$$

$$\begin{aligned} 128) \quad & x - y = -1 \\ & 2x - y = 4 \end{aligned}$$

$$(5, 6)$$

$$129) \quad -4x - 5y = -10$$

$$-4x - 6y = -8$$

$$(5, -2)$$

$$130) \quad -3x + 4y = -7$$

$$-6x + 4y = -10$$

$$(1, -1)$$

$$131) \quad -4x - 5y = 6$$

$$-2x - 5y = -2$$

$$(-4, 2)$$

$$132) \quad 3x + 3y = 3$$

$$2x + 3y = 7$$

$$(-4, 5)$$

$$133) \begin{cases} x + 5y = -1 \\ x - 3y = 7 \end{cases}$$

$$(4, -1)$$

$$134) \begin{cases} -x - y = -1 \\ -x - 6y = 4 \end{cases}$$

$$(2, -1)$$

$$135) \begin{cases} 6x - 3y = 3 \\ 6x + 4y = -4 \end{cases}$$

$$(0, -1)$$

$$136) \begin{cases} 6x + 2y = -6 \\ 6x + 6y = 18 \end{cases}$$

$$(-3, 6)$$

$$137) \quad 5x - y = -13$$

$$-3x - y = 3$$

$$(-2, 3)$$

$$138) \quad 6x - 6y = 12$$

$$-4x - 6y = 2$$

$$(1, -1)$$

$$139) \quad 4x + 3y = 7$$

$$4x + 5y = 9$$

$$(1, 1)$$

$$140) \quad -4x - 3y = -1$$

$$-4x - 2y = 2$$

$$(-2, 3)$$



$$141) \begin{aligned} -3x + 3y &= 3 \\ -3x + 2y &= 5 \end{aligned}$$

$$(-3, -2)$$

$$142) \begin{aligned} x - 2y &= -4 \\ 3x - 2y &= -12 \end{aligned}$$

$$(-4, 0)$$

$$143) \begin{aligned} 6x + 5y &= 8 \\ 5x + 5y &= 10 \end{aligned}$$

$$(-2, 4)$$

$$144) \begin{aligned} -6x - y &= -18 \\ -6x + 3y &= 6 \end{aligned}$$

$$(2, 6)$$

$$145) \begin{aligned} 5x - y &= -11 \\ 5x + 2y &= -8 \end{aligned}$$

$(-2, 1)$

$$146) \begin{aligned} -4x + 2y &= 12 \\ -3x + 2y &= 6 \end{aligned}$$

$(-6, -6)$

$$147) \begin{aligned} x - 2y &= 12 \\ x - 2y &= 12 \end{aligned}$$

Infinite number of solutions

$$148) \begin{aligned} -x - 2y &= -12 \\ -x - 2y &= -12 \end{aligned}$$

Infinite number of solutions

$$149) \begin{aligned} 3x - 2y &= 7 \\ 3x - 2y &= 6 \end{aligned}$$

No solution

$$150) \begin{aligned} 6x + 3y &= -18 \\ 6x + 3y &= -18 \end{aligned}$$

Infinite number of solutions

$$151) \begin{aligned} -2x + 2y &= -2 \\ -x + 2y &= -6 \end{aligned}$$

$(-4, -5)$

$$152) \begin{aligned} 2x - 4y &= -10 \\ x - 4y &= -13 \end{aligned}$$

$(3, 4)$

$$153) \quad 6x - 5y = -12$$

$$6x - y = 12$$

$$(3, 6)$$

$$154) \quad x + y = 3$$

$$x - 2y = -9$$

$$(-1, 4)$$

$$155) \quad 4x + 4y = 0$$

$$4x + 3y = -2$$

$$(-2, 2)$$

$$156) \quad -4x + 5y = 18$$

$$-4x - y = -18$$

$$(3, 6)$$

$$\begin{aligned} 157) \quad & -2x + y = 12 \\ & -3x + y = 18 \end{aligned}$$

$$(-6, 0)$$

$$\begin{aligned} 158) \quad & -5x + 6y = 1 \\ & 4x + 6y = 10 \end{aligned}$$

$$(1, 1)$$

$$\begin{aligned} 159) \quad & 3x + 6y = 3 \\ & 3x + y = -2 \end{aligned}$$

$$(-1, 1)$$

$$\begin{aligned} 160) \quad & 6x + 5y = -6 \\ & 4x + 5y = 6 \end{aligned}$$

$$(-6, 6)$$

$$161) \begin{aligned} -x + y &= -5 \\ -x - 3y &= 11 \end{aligned}$$

$$(1, -4)$$

$$162) \begin{aligned} -x + 6y &= -8 \\ 6x + 6y &= 6 \end{aligned}$$

$$(2, -1)$$

$$163) \begin{aligned} 3x - 4y &= -8 \\ 5x - 4y &= -16 \end{aligned}$$

$$(-4, -1)$$

$$164) \begin{aligned} -2x - 2y &= 8 \\ -3x - 2y &= 9 \end{aligned}$$

$$(-1, -3)$$

$$\begin{aligned} 165) \quad & 5x + y = -11 \\ & -2x + y = 10 \end{aligned}$$

$$(-3, 4)$$

$$\begin{aligned} 166) \quad & 2x + 2y = 8 \\ & 2x + 3y = 14 \end{aligned}$$

$$(-2, 6)$$

$$\begin{aligned} 167) \quad & -6x + 3y = 6 \\ & -x + 3y = 1 \end{aligned}$$

$$(-1, 0)$$

$$\begin{aligned} 168) \quad & 4x + y = 12 \\ & 3x + y = 9 \end{aligned}$$

$$(3, 0)$$

$$169) \begin{aligned} 5x - 6y &= 2 \\ 6x - 6y &= 6 \end{aligned}$$

$(4, 3)$

$$170) \begin{aligned} 4x + 3y &= 11 \\ 5x + 3y &= 13 \end{aligned}$$

$(2, 1)$

$$171) \begin{aligned} -3x + 3y &= 0 \\ 5x + 3y &= 8 \end{aligned}$$

$(1, 1)$

$$172) \begin{aligned} x - 2y &= 1 \\ 5x - 2y &= -3 \end{aligned}$$

$(-1, -1)$



$$\begin{aligned} 173) \quad x + 2y &= 17 \\ -6x + 2y &= -18 \end{aligned}$$

$(5, 6)$

$$\begin{aligned} 174) \quad 5x + 4y &= -12 \\ 5x + y &= -18 \end{aligned}$$

$(-4, 2)$

$$\begin{aligned} 175) \quad -5x + 2y &= 5 \\ -5x - 6y &= 5 \end{aligned}$$

$(-1, 0)$

$$\begin{aligned} 176) \quad x + y &= -4 \\ x + y &= -4 \end{aligned}$$

Infinite number of solutions

$$177) \begin{cases} 5x - 6y = 0 \\ 3x - 6y = -12 \end{cases}$$

$(6, 5)$

$$178) \begin{cases} 3x - 5y = -9 \\ 3x - 5y = -12 \end{cases}$$

No solution

$$179) \begin{cases} 5x + 2y = -13 \\ 5x + 2y = -13 \end{cases}$$

Infinite number of solutions

$$180) \begin{cases} x + 2y = 13 \\ x + 2y = 12 \end{cases}$$

No solution

$$181) \begin{aligned} 5x + 3y &= -13 \\ 5x + 3y &= -18 \end{aligned}$$

No solution

$$182) \begin{aligned} 3x - 2y &= 3 \\ 3x - 5y &= -15 \end{aligned}$$

(5, 6)

$$183) \begin{aligned} 4x - 5y &= -3 \\ -3x - 5y &= 11 \end{aligned}$$

(-2, -1)

$$184) \begin{aligned} -6x + 3y &= -15 \\ -6x - 2y &= -10 \end{aligned}$$

(2, -1)

$$185) \begin{cases} 4x - 2y = 4 \\ 4x - 6y = -12 \end{cases}$$

$(3, 4)$

$$186) \begin{cases} 6x + 2y = 18 \\ 2x + 2y = 6 \end{cases}$$

$(3, 0)$

$$187) \begin{cases} 6x - y = 10 \\ 4x - y = 6 \end{cases}$$

$(2, 2)$

$$188) \begin{cases} 5x - y = 8 \\ -6x - y = -3 \end{cases}$$

$(1, -3)$

$$189) \begin{aligned} x + y &= 0 \\ 2x + y &= 0 \end{aligned}$$

$$(0, 0)$$

$$190) \begin{aligned} 3x - 6y &= -6 \\ x - 6y &= 2 \end{aligned}$$

$$(-4, -1)$$

$$191) \begin{aligned} x + 2y &= 17 \\ -2x + 2y &= 2 \end{aligned}$$

$$(5, 6)$$

$$192) \begin{aligned} -3x - 4y &= -3 \\ -2x - 4y &= -6 \end{aligned}$$

$$(-3, 3)$$

$$193) \begin{aligned} -5x - 3y &= -8 \\ -5x + y &= -4 \end{aligned}$$

$(1, 1)$

$$194) \begin{aligned} -5x - 6y &= 6 \\ -5x + 4y &= -4 \end{aligned}$$

$(0, -1)$

$$195) \begin{aligned} 5x - 6y &= 12 \\ 3x - 6y &= 12 \end{aligned}$$

$(0, -2)$

$$196) \begin{aligned} 6x + 4y &= -10 \\ 6x + 3y &= -6 \end{aligned}$$

$(1, -4)$

$$197) \begin{aligned} 6x + 4y &= 16 \\ -x + 4y &= -12 \end{aligned}$$

$$(4, -2)$$

$$198) \begin{aligned} -5x + 3y &= 12 \\ -3x + 3y &= 0 \end{aligned}$$

$$(-6, -6)$$

$$199) \begin{aligned} -5x + 3y &= 9 \\ 2x + 3y &= -12 \end{aligned}$$

$$(-3, -2)$$

$$200) \begin{aligned} -3x - 3y &= -6 \\ x - 3y &= 6 \end{aligned}$$

$$(3, -1)$$

$$\begin{aligned} 201) \quad & 3x + 4y = -20 \\ & -7x - 2y = -12 \end{aligned}$$

$$(4, -8)$$

$$\begin{aligned} 202) \quad & -4x - 3y = 28 \\ & x + y = -8 \end{aligned}$$

$$(-4, -4)$$

$$\begin{aligned} 203) \quad & 7x + 7y = -21 \\ & 14x + 2y = 18 \end{aligned}$$

$$(2, -5)$$

$$\begin{aligned} 204) \quad & 2x + 6y = 26 \\ & -8x + 3y = 4 \end{aligned}$$

$$(1, 4)$$



$$\begin{aligned} 205) \quad & 6x + 15y = 9 \\ & -2x + 5y = 7 \end{aligned}$$

$(-1, 1)$

$$\begin{aligned} 206) \quad & -4x + 2y = 28 \\ & -8x + 10y = 20 \end{aligned}$$

$(-10, -6)$

$$\begin{aligned} 207) \quad & 2x + y = 16 \\ & 3x + 9y = -6 \end{aligned}$$

$(10, -4)$

$$\begin{aligned} 208) \quad & x - 9y = -20 \\ & 2x - 18y = -24 \end{aligned}$$

No solution

$$\begin{aligned} 209) \quad x + 2y &= 1 \\ 4x + 8y &= 4 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 210) \quad 18x + 18y &= 18 \\ 9x + 9y &= -9 \end{aligned}$$

No solution

$$\begin{aligned} 211) \quad -x + y &= 3 \\ -10x + 10y &= 30 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 212) \quad 3x + 20y &= -13 \\ -5x - 10y &= -25 \end{aligned}$$

$(9, -2)$

$$\begin{aligned} 213) \quad & -8x + 8y = 16 \\ & x - 9y = -10 \end{aligned}$$

$$(-1, 1)$$

$$\begin{aligned} 214) \quad & 6x - 6y = -24 \\ & -4x + 2y = -2 \end{aligned}$$

$$(5, 9)$$

$$\begin{aligned} 215) \quad & -4x + 3y = 29 \\ & -8x - 10y = 10 \end{aligned}$$

$$(-5, 3)$$

$$\begin{aligned} 216) \quad & -9x + 2y = 17 \\ & -3x - 4y = -13 \end{aligned}$$

$$(-1, 4)$$

$$\begin{aligned} 217) \quad & x - 2y = 1 \\ & -3x + 12y = -9 \end{aligned}$$

$$(-1, -1)$$

$$\begin{aligned} 218) \quad & 9x - 3y = 15 \\ & -18x + 4y = -20 \end{aligned}$$

$$(0, -5)$$

$$\begin{aligned} 219) \quad & -2x - y = -5 \\ & -10x + 5y = 25 \end{aligned}$$

$$(0, 5)$$

$$\begin{aligned} 220) \quad & -12x - 3y = -21 \\ & 6x - 2y = 0 \end{aligned}$$

$$(1, 3)$$

$$\begin{aligned} 221) \quad & -8x - y = -15 \\ & 7x - 7y = 21 \end{aligned}$$

$$(2, -1)$$

$$\begin{aligned} 222) \quad & -x + 4y = -10 \\ & -3x + 8y = -10 \end{aligned}$$

$$(-10, -5)$$

$$\begin{aligned} 223) \quad & -6x + 5y = -21 \\ & -3x - 2y = 3 \end{aligned}$$

$$(1, -3)$$

$$\begin{aligned} 224) \quad & -x + y = 5 \\ & 3x - 11y = -23 \end{aligned}$$

$$(-4, 1)$$

$$\begin{aligned} 225) \quad & -3x + y = 0 \\ & -8x + 11y = 0 \end{aligned}$$

$$(0, 0)$$

$$\begin{aligned} 226) \quad & 4x + 6y = -22 \\ & -3x - 3y = 3 \end{aligned}$$

$$(8, -9)$$

$$\begin{aligned} 227) \quad & 6x + 2y = 6 \\ & 12x + 7y = 12 \end{aligned}$$

$$(1, 0)$$

$$\begin{aligned} 228) \quad & 3x + 2y = 13 \\ & 5x + 8y = 3 \end{aligned}$$

$$(7, -4)$$

$$229) -10x - 10y = 10$$

$$5x + y = -13$$

$$(-3, 2)$$

$$230) -8x + 7y = 12$$

$$9x - y = 14$$

$$(2, 4)$$

$$231) -16x + y = -9$$

$$8x - 3y = -13$$

$$(1, 7)$$

$$232) -7x - 9y = -14$$

$$14x + 7y = 28$$

$$(2, 0)$$

$$\begin{aligned} 233) \quad & 4x - 12y = 24 \\ & -10x + 4y = -8 \end{aligned}$$

$$(0, -2)$$

$$\begin{aligned} 234) \quad & 12x + 7y = -5 \\ & -6x - 2y = 4 \end{aligned}$$

$$(-1, 1)$$

$$\begin{aligned} 235) \quad & -2x + 7y = 18 \\ & -6x + 3y = -18 \end{aligned}$$

$$(5, 4)$$

$$\begin{aligned} 236) \quad & -4x + 5y = 4 \\ & 2x + 3y = -2 \end{aligned}$$

$$(-1, 0)$$



$$\begin{aligned} 237) \quad & -8x + 5y = 18 \\ & -4x + 8y = 20 \end{aligned}$$

$(-1, 2)$

$$\begin{aligned} 238) \quad & -10x - 90y = 0 \\ & x + 9y = -1 \end{aligned}$$

No solution

$$\begin{aligned} 239) \quad & 3x - 5y = -30 \\ & x - 10y = -10 \end{aligned}$$

$(-10, 0)$

$$\begin{aligned} 240) \quad & 4x + 8y = -12 \\ & -8x - 16y = 24 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 241) \quad & 16x + 4y = -16 \\ & 8x + 2y = -8 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 242) \quad & -5x + 2y = 7 \\ & 10x - 4y = -14 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 243) \quad & 6x + 5y = 16 \\ & 2x - 15y = -28 \end{aligned}$$

(1, 2)

$$\begin{aligned} 244) \quad & x - 2y = 0 \\ & -3x + 10y = 8 \end{aligned}$$

(4, 2)

$$\begin{aligned} 245) \quad & -5x + y = 3 \\ & 15x - 4y = -12 \end{aligned}$$

$(0, 3)$

$$\begin{aligned} 246) \quad & 6x - 7y = 15 \\ & -3x + 10y = 12 \end{aligned}$$

$(6, 3)$

$$\begin{aligned} 247) \quad & -10x - 3y = 13 \\ & 5x - 10y = 5 \end{aligned}$$

$(-1, -1)$

$$\begin{aligned} 248) \quad & -6x - 8y = -22 \\ & -9x - 4y = -17 \end{aligned}$$

$(1, 2)$

$$\begin{aligned} 249) \quad & -4x + 3y = -17 \\ & -8x + 8y = -24 \end{aligned}$$

$(8, 5)$

$$\begin{aligned} 250) \quad & 5x - 8y = 28 \\ & x + 2y = 2 \end{aligned}$$

$(4, -1)$

$$\begin{aligned} 251) \quad & -3x + 7y = 26 \\ & -6x + 4y = -28 \end{aligned}$$

$(10, 8)$

$$\begin{aligned} 252) \quad & 7x + y = 28 \\ & 5x - 9y = 20 \end{aligned}$$

$(4, 0)$

$$\begin{aligned} 253) \quad & 8x + 3y = 10 \\ & 16x + 5y = 30 \end{aligned}$$

$$(5, -10)$$

$$\begin{aligned} 254) \quad & -2x - 2y = 2 \\ & -x - 10y = -17 \end{aligned}$$

$$(-3, 2)$$

$$\begin{aligned} 255) \quad & 9x + y = 16 \\ & -10x - 11y = 2 \end{aligned}$$

$$(2, -2)$$

$$\begin{aligned} 256) \quad & 16x - 10y = 20 \\ & 8x - y = -30 \end{aligned}$$

$$(-5, -10)$$

$$\begin{aligned} 257) \quad & -12x - 6y = 24 \\ & 2x + 5y = -4 \end{aligned}$$

$$(-2, 0)$$

$$\begin{aligned} 258) \quad & -10x - 3y = -23 \\ & -x - 5y = -7 \end{aligned}$$

$$(2, 1)$$

$$\begin{aligned} 259) \quad & -12x + 7y = 3 \\ & 4x - 10y = 22 \end{aligned}$$

$$(-2, -3)$$

$$\begin{aligned} 260) \quad & -7x + 12y = -15 \\ & -3x - 3y = 18 \end{aligned}$$

$$(-3, -3)$$

$$\begin{aligned} 261) \quad & -5x - 16y = -26 \\ & 10x - 8y = 12 \end{aligned}$$

$(2, 1)$

$$\begin{aligned} 262) \quad & -x - 5y = -8 \\ & 5x + 10y = -5 \end{aligned}$$

$(-7, 3)$

$$\begin{aligned} 263) \quad & -16x - 6y = 16 \\ & -8x + y = 8 \end{aligned}$$

$(-1, 0)$

$$\begin{aligned} 264) \quad & -x - 8y = 10 \\ & 6x + 7y = -19 \end{aligned}$$

$(-2, -1)$

$$\begin{aligned} 265) \quad & -8x - 10y = -20 \\ & -4x + 2y = 4 \end{aligned}$$

$(0, 2)$

$$\begin{aligned} 266) \quad & -x + 6y = -12 \\ & 3x - 12y = 18 \end{aligned}$$

$(-6, -3)$

$$\begin{aligned} 267) \quad & -3x - 10y = -3 \\ & 12x - 3y = 12 \end{aligned}$$

$(1, 0)$

$$\begin{aligned} 268) \quad & 6x - 2y = 30 \\ & -x + y = -11 \end{aligned}$$

$(2, -9)$



$$\begin{aligned} 269) \quad & -12x - 12y = 0 \\ & 3x + 3y = -6 \end{aligned}$$

No solution

$$\begin{aligned} 270) \quad & -20x + 18y = -30 \\ & -10x + 9y = -15 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 271) \quad & 2x + 14y = 0 \\ & x + 7y = 0 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 272) \quad & 3x - 10y = -12 \\ & 6x - 20y = -30 \end{aligned}$$

No solution

$$\begin{aligned} 273) \quad & 4x - 18y = 20 \\ & 2x - 9y = 10 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 274) \quad & -2x + 5y = -28 \\ & 12x + 3y = -30 \end{aligned}$$

$(-1, -6)$

$$\begin{aligned} 275) \quad & -9x + 7y = -17 \\ & -8x + 14y = 16 \end{aligned}$$

$(5, 4)$

$$\begin{aligned} 276) \quad & -6x - 2y = 12 \\ & 12x + y = -6 \end{aligned}$$

$(0, -6)$

$$277) \begin{aligned} -12x - 10y &= -24 \\ -2x - 2y &= -6 \end{aligned}$$

$$(-3, 6)$$

$$278) \begin{aligned} -6x + 5y &= 3 \\ -x - y &= 17 \end{aligned}$$

$$(-8, -9)$$

$$279) \begin{aligned} x + 5y &= -6 \\ 5x + 7y &= -12 \end{aligned}$$

$$(-1, -1)$$

$$280) \begin{aligned} -8x - 6y &= 28 \\ 2x + 12y &= -28 \end{aligned}$$

$$(-2, -2)$$

$$\begin{aligned} 281) \quad & -3x + 9y = -12 \\ & -8x + 18y = -8 \end{aligned}$$

$$(-8, -4)$$

$$\begin{aligned} 282) \quad & 6x - y = -5 \\ & -10x - 8y = 18 \end{aligned}$$

$$(-1, -1)$$

$$\begin{aligned} 283) \quad & 8x - y = -9 \\ & -16x + 4y = 20 \end{aligned}$$

$$(-1, 1)$$

$$\begin{aligned} 284) \quad & -16x - 7y = 7 \\ & 8x - 8y = 8 \end{aligned}$$

$$(0, -1)$$

$$\begin{aligned} 285) \quad & -4x - 7y = -11 \\ & 5x + 14y = 19 \end{aligned}$$

$(1, 1)$

$$\begin{aligned} 286) \quad & 16x - 10y = 18 \\ & 8x - 6y = 6 \end{aligned}$$

$(3, 3)$

$$\begin{aligned} 287) \quad & 3x + y = -10 \\ & 8x + 6y = 0 \end{aligned}$$

$(-6, 8)$

$$\begin{aligned} 288) \quad & 3x - 8y = 27 \\ & -x + 2y = -7 \end{aligned}$$

$(1, -3)$

$$\begin{aligned} 289) \quad & 12x + y = 16 \\ & 6x + 5y = 26 \end{aligned}$$

$(1, 4)$

$$\begin{aligned} 290) \quad & -9x - 4y = 3 \\ & -10x - 8y = 14 \end{aligned}$$

$(1, -3)$

$$\begin{aligned} 291) \quad & 4x + y = 7 \\ & -12x - 5y = -3 \end{aligned}$$

$(4, -9)$

$$\begin{aligned} 292) \quad & 10x - 6y = 24 \\ & -x + 5y = 24 \end{aligned}$$

$(6, 6)$

$$\begin{aligned} 293) \quad & -12x - y = 2 \\ & -6x + 5y = -10 \end{aligned}$$

$$(0, -2)$$

$$\begin{aligned} 294) \quad & -3x - 4y = -10 \\ & 9x + 3y = 21 \end{aligned}$$

$$(2, 1)$$

$$\begin{aligned} 295) \quad & -5x - 2y = -11 \\ & -10x + 8y = 14 \end{aligned}$$

$$(1, 3)$$

$$\begin{aligned} 296) \quad & 3x - 15y = 3 \\ & -4x + 5y = 11 \end{aligned}$$

$$(-4, -1)$$

$$\begin{aligned} 297) \quad & -2x - y = -10 \\ & -10x + 6y = -28 \end{aligned}$$

$(4, 2)$

$$\begin{aligned} 298) \quad & 6x - 2y = -14 \\ & 3x - 10y = 11 \end{aligned}$$

$(-3, -2)$

$$\begin{aligned} 299) \quad & 8x + 8y = -16 \\ & -2x + 2y = -24 \end{aligned}$$

$(5, -7)$

$$\begin{aligned} 300) \quad & 18x - 4y = 30 \\ & -9x + 2y = -6 \end{aligned}$$

No solution



$$\begin{aligned} 301) \quad & -11x - 7y = 0 \\ & -22x - 14y = 0 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 302) \quad & 72x - 12y = -12 \\ & 12x - 2y = -2 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 303) \quad & 21x - 42y = -42 \\ & 7x - 14y = -21 \end{aligned}$$

No solution

$$\begin{aligned} 304) \quad & -7x - 11y = -29 \\ & 6x + 22y = -38 \end{aligned}$$

$(12, -5)$

$$305) \begin{aligned} 4x - y &= -26 \\ 12x - 12y &= 12 \end{aligned}$$

$$(-9, -10)$$

$$306) \begin{aligned} -10x + 6y &= -34 \\ 5x - 13y &= 7 \end{aligned}$$

$$(4, 1)$$

$$307) \begin{aligned} 28x - y &= 1 \\ 14x - 13y &= 13 \end{aligned}$$

$$(0, -1)$$

$$308) \begin{aligned} -7x + 16y &= 0 \\ 9x + 4y &= 0 \end{aligned}$$

$$(0, 0)$$

$$\begin{aligned} 309) \quad & 10x + 6y = -36 \\ & 20x + 2y = -12 \end{aligned}$$

$$(0, -6)$$

$$\begin{aligned} 310) \quad & 2x - 4y = 6 \\ & -6x - 8y = 22 \end{aligned}$$

$$(-1, -2)$$

$$\begin{aligned} 311) \quad & 14x - 7y = 21 \\ & 2x + 6y = -32 \end{aligned}$$

$$(-1, -5)$$

$$\begin{aligned} 312) \quad & -18x + 10y = -40 \\ & 9x - y = -32 \end{aligned}$$

$$(-5, -13)$$

$$313) \quad 12x + 10y = -28$$

$$6x + 6y = -6$$

$$(-9, 8)$$

$$314) \quad -3x + y = -5$$

$$6x + 9y = 21$$

$$(2, 1)$$

$$315) \quad -10x + 8y = -42$$

$$6x - 4y = 30$$

$$(9, 6)$$

$$316) \quad x + 4y = -16$$

$$-14x - y = 4$$

$$(0, -4)$$

$$\begin{aligned} 317) \quad & -13x - 3y = 20 \\ & 26x + 10y = -32 \end{aligned}$$

$$(-2, 2)$$

$$\begin{aligned} 318) \quad & 12x + 4y = 4 \\ & 6x + 5y = -40 \end{aligned}$$

$$(5, -14)$$

$$\begin{aligned} 319) \quad & 2x - 3y = 26 \\ & 14x - 5y = 22 \end{aligned}$$

$$(-2, -10)$$

$$\begin{aligned} 320) \quad & -10x + 4y = 4 \\ & -5x + y = 16 \end{aligned}$$

$$(-6, -14)$$

$$\begin{aligned} 321) \quad & 8x + 8y = 24 \\ & -4x - 9y = -17 \end{aligned}$$

$(2, 1)$

$$\begin{aligned} 322) \quad & x + y = -5 \\ & 7x + 6y = -31 \end{aligned}$$

$(-1, -4)$

$$\begin{aligned} 323) \quad & -14x - 28y = 28 \\ & -10x + 14y = 20 \end{aligned}$$

$(-2, 0)$

$$\begin{aligned} 324) \quad & -2x + 8y = 38 \\ & -x + 13y = 37 \end{aligned}$$

$(-11, 2)$

$$325) \begin{aligned} -13x + 10y &= -36 \\ -x + 2y &= -4 \end{aligned}$$

$$(2, -1)$$

$$326) \begin{aligned} -9x - 16y &= -10 \\ -8x - 8y &= 16 \end{aligned}$$

$$(-6, 4)$$

$$327) \begin{aligned} 12x - 6y &= -6 \\ 24x - 4y &= 12 \end{aligned}$$

$$(1, 3)$$

$$328) \begin{aligned} 6x + 8y &= -24 \\ 8x - 4y &= -32 \end{aligned}$$

$$(-4, 0)$$

$$\begin{aligned} 329) \quad & -2x - 12y = 14 \\ & -x - 6y = 7 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 330) \quad & -x + 2y = -15 \\ & 5x + 12y = -35 \end{aligned}$$

$(5, -5)$

$$\begin{aligned} 331) \quad & 3x - 11y = -14 \\ & -6x + 22y = 28 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 332) \quad & 13x - 10y = -12 \\ & -26x + 20y = 30 \end{aligned}$$

No solution



$$\begin{aligned} 333) \quad & 7x + 3y = 9 \\ & 21x + 9y = -3 \end{aligned}$$

No solution

$$\begin{aligned} 334) \quad & -15x + 2y = 31 \\ & -3x + y = 11 \end{aligned}$$

$(-1, 8)$

$$\begin{aligned} 335) \quad & -5x - 3y = -14 \\ & -10x - 6y = -28 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 336) \quad & -5x - 8y = -9 \\ & 11x + 16y = 31 \end{aligned}$$

$(13, -7)$

$$\begin{aligned} 337) \quad & 2x + 6y = 38 \\ & -4x - 4y = 12 \end{aligned}$$

$$(-14, 11)$$

$$\begin{aligned} 338) \quad & -5x - 26y = -11 \\ & -3x - 13y = -4 \end{aligned}$$

$$(-3, 1)$$

$$\begin{aligned} 339) \quad & 21x - 9y = 12 \\ & -7x + 4y = -17 \end{aligned}$$

$$(-5, -13)$$

$$\begin{aligned} 340) \quad & 12x - 12y = 24 \\ & -7x + 6y = -25 \end{aligned}$$

$$(13, 11)$$

$$\begin{aligned} 341) \quad & -9x - 2y = 24 \\ & 18x - 12y = 0 \end{aligned}$$

$$(-2, -3)$$

$$\begin{aligned} 342) \quad & -7x + y = 36 \\ & 4x + 4y = -16 \end{aligned}$$

$$(-5, 1)$$

$$\begin{aligned} 343) \quad & 7x + 7y = -14 \\ & x - y = -2 \end{aligned}$$

$$(-2, 0)$$

$$\begin{aligned} 344) \quad & 14x + 4y = 30 \\ & 5x + 2y = 17 \end{aligned}$$

$$(-1, 11)$$

$$\begin{aligned} 345) \quad x + y &= 10 \\ -2x - 10y &= -12 \end{aligned}$$

$(11, -1)$

$$\begin{aligned} 346) \quad -8x + 11y &= 22 \\ -16x - 6y &= -12 \end{aligned}$$

$(0, 2)$

$$\begin{aligned} 347) \quad -4x + 22y &= 14 \\ 13x + 11y &= 37 \end{aligned}$$

$(2, 1)$

$$\begin{aligned} 348) \quad 14x - 6y &= -10 \\ -13x + y &= -41 \end{aligned}$$

$(4, 11)$

$$349) \begin{aligned} -4x + 8y &= -28 \\ x + 2y &= -21 \end{aligned}$$

$$(-7, -7)$$

$$350) \begin{aligned} 9x + y &= 21 \\ 13x + 4y &= 15 \end{aligned}$$

$$(3, -6)$$

$$351) \begin{aligned} 4x + 3y &= 28 \\ 13x - 6y &= 28 \end{aligned}$$

$$(4, 4)$$

$$352) \begin{aligned} -15x + 14y &= -9 \\ -5x + 10y &= -35 \end{aligned}$$

$$(-5, -6)$$

$$353) -4x + 10y = -26$$

$$5x + 20y = 0$$

$$(4, -1)$$

$$354) -16x - 11y = -35$$

$$-4x - y = -21$$

$$(7, -7)$$

$$355) -7x + 8y = 38$$

$$2x + 2y = 2$$

$$(-2, 3)$$

$$356) -22x - 5y = 18$$

$$11x + y = -30$$

$$(-4, 14)$$

$$\begin{aligned} 357) \quad & -6x + 3y = 30 \\ & -3x + 7y = -29 \end{aligned}$$

$$(-9, -8)$$

$$\begin{aligned} 358) \quad & -6x - 24y = 24 \\ & 3x - 12y = 12 \end{aligned}$$

$$(0, -1)$$

$$\begin{aligned} 359) \quad & 18x + 7y = -17 \\ & 6x - 5y = 31 \end{aligned}$$

$$(1, -5)$$

$$\begin{aligned} 360) \quad & x - y = 17 \\ & 6x + 4y = -38 \end{aligned}$$

$$(3, -14)$$

$$\begin{aligned} 361) \quad & 8x + 8y = 16 \\ & -4x - 4y = -8 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 362) \quad & 26x - 12y = -42 \\ & -13x + 6y = 34 \end{aligned}$$

No solution

$$\begin{aligned} 363) \quad & -x + 9y = -9 \\ & 2x - 18y = 16 \end{aligned}$$

No solution

$$\begin{aligned} 364) \quad & 8x - 7y = 23 \\ & -16x + 14y = -30 \end{aligned}$$

No solution



$$\begin{aligned} 365) \quad & 22x - 6y = 22 \\ & 11x - 5y = -11 \end{aligned}$$

$(4, 11)$

$$\begin{aligned} 366) \quad & 6x + 5y = 40 \\ & -18x - 3y = -24 \end{aligned}$$

$(0, 8)$

$$\begin{aligned} 367) \quad & x - 7y = -18 \\ & 8x - 21y = -4 \end{aligned}$$

$(10, 4)$

$$\begin{aligned} 368) \quad & -5x - 10y = 10 \\ & -11x - 5y = -29 \end{aligned}$$

$(4, -3)$

$$\begin{aligned} 369) \quad & -3x + 11y = 39 \\ & 11x - 22y = -33 \end{aligned}$$

$(9, 6)$

$$\begin{aligned} 370) \quad & 16x - 11y = -15 \\ & -8x - 3y = 33 \end{aligned}$$

$(-3, -3)$

$$\begin{aligned} 371) \quad & x - 3y = -5 \\ & 14x + 12y = -16 \end{aligned}$$

$(-2, 1)$

$$\begin{aligned} 372) \quad & 7x - 6y = 14 \\ & -14x + 3y = -28 \end{aligned}$$

$(2, 0)$

$$\begin{aligned} 373) \quad x - 5y &= -34 \\ -6x - 15y &= 24 \end{aligned}$$

$$(-14, 4)$$

$$\begin{aligned} 374) \quad x - 6y &= -22 \\ 7x - 18y &= -10 \end{aligned}$$

$$(14, 6)$$

$$\begin{aligned} 375) \quad x - y &= -18 \\ 13x + 9y &= -36 \end{aligned}$$

$$(-9, 9)$$

$$\begin{aligned} 376) \quad 5x - 8y &= 2 \\ 6x - 16y &= -4 \end{aligned}$$

$$(2, 1)$$

$$\begin{aligned} 377) \quad & 16x - 6y = -32 \\ & -8x + 14y = 16 \end{aligned}$$

$$(-2, 0)$$

$$\begin{aligned} 378) \quad & 4x - 2y = 30 \\ & -7x + 14y = 0 \end{aligned}$$

$$(10, 5)$$

$$\begin{aligned} 379) \quad & -x + 14y = -4 \\ & -8x - 3y = -32 \end{aligned}$$

$$(4, 0)$$

$$\begin{aligned} 380) \quad & 4x + 8y = 0 \\ & -8x - y = 15 \end{aligned}$$

$$(-2, 1)$$

$$\begin{aligned} 381) \quad & -9x - 10y = 11 \\ & -11x - 5y = -1 \end{aligned}$$

$$(1, -2)$$

$$\begin{aligned} 382) \quad & 4x + 3y = -30 \\ & x + y = -6 \end{aligned}$$

$$(-12, 6)$$

$$\begin{aligned} 383) \quad & -24x + 12y = 24 \\ & 12x + y = -12 \end{aligned}$$

$$(-1, 0)$$

$$\begin{aligned} 384) \quad & -7x + 2y = -1 \\ & -13x + 12y = 23 \end{aligned}$$

$$(1, 3)$$

$$\begin{aligned} 385) \quad & 8x + 7y = 7 \\ & -4x + 10y = 10 \end{aligned}$$

$(0, 1)$

$$\begin{aligned} 386) \quad & -14x - 16y = 8 \\ & 4x - 8y = -40 \end{aligned}$$

$(-4, 3)$

$$\begin{aligned} 387) \quad & -5x + 6y = 4 \\ & 2x + 18y = -22 \end{aligned}$$

$(-2, -1)$

$$\begin{aligned} 388) \quad & -5x - 2y = -25 \\ & -4x - 10y = -20 \end{aligned}$$

$(5, 0)$

$$\begin{aligned} 389) \quad & -20x + 5y = -5 \\ & -10x - y = 29 \end{aligned}$$

$$(-2, -9)$$

$$\begin{aligned} 390) \quad & 2x + 3y = 8 \\ & -8x - 6y = -8 \end{aligned}$$

$$(-2, 4)$$

$$\begin{aligned} 391) \quad & 2x - 9y = 29 \\ & 8x + 10y = -22 \end{aligned}$$

$$(1, -3)$$

$$\begin{aligned} 392) \quad & -18x - 22y = 2 \\ & -9x - 11y = 1 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 393) \quad & -14x + 14y = 0 \\ & 28x - 28y = 0 \end{aligned}$$

No solution

$$\begin{aligned} 394) \quad & -3x - 2y = -4 \\ & 9x + 6y = -3 \end{aligned}$$

No solution

$$\begin{aligned} 395) \quad & -13x - 7y = 6 \\ & -39x - 21y = 18 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 396) \quad & -4x - y = 30 \\ & 12x - 6y = 0 \end{aligned}$$

$(-5, -10)$



$$\begin{aligned} 397) \quad & -8x + 12y = 40 \\ & -x + 4y = 15 \end{aligned}$$

$(1, 4)$

$$\begin{aligned} 398) \quad & 12x - 9y = -3 \\ & 6x + 8y = -14 \end{aligned}$$

$(-1, -1)$

$$\begin{aligned} 399) \quad & -12x - 8y = -24 \\ & -x - 2y = -10 \end{aligned}$$

$(-2, 6)$

$$\begin{aligned} 400) \quad & -14x - 3y = -19 \\ & 5x + 15y = -35 \end{aligned}$$

$(2, -3)$

$$\begin{aligned} 401) \quad & 8x + 6y = 26 \\ & -24x + 12y = 12 \end{aligned}$$

$(1, 3)$

$$\begin{aligned} 402) \quad & 2x + 7y = -4 \\ & 6x + 6y = 48 \end{aligned}$$

$(12, -4)$

$$\begin{aligned} 403) \quad & 5x + 7y = -16 \\ & -15x - 2y = -9 \end{aligned}$$

$(1, -3)$

$$\begin{aligned} 404) \quad & -24x + 8y = 40 \\ & -6x + 4y = -4 \end{aligned}$$

$(-4, -7)$

$$\begin{aligned} 405) \quad & -16x - 13y = 24 \\ & 32x + 20y = 0 \end{aligned}$$

$$(5, -8)$$

$$\begin{aligned} 406) \quad & -16x - y = -32 \\ & -8x + 15y = -16 \end{aligned}$$

$$(2, 0)$$

$$\begin{aligned} 407) \quad & -9x - y = 2 \\ & 18x + 3y = -24 \end{aligned}$$

$$(2, -20)$$

$$\begin{aligned} 408) \quad & 16x + 7y = 37 \\ & -32x + 20y = 28 \end{aligned}$$

$$(1, 3)$$

$$\begin{aligned} 409) \quad & -x - 19y = 25 \\ & -3x - 38y = 37 \end{aligned}$$

$$(13, -2)$$

$$\begin{aligned} 410) \quad & 7x - 2y = 0 \\ & 4x - 8y = -48 \end{aligned}$$

$$(2, 7)$$

$$\begin{aligned} 411) \quad & -5x + 17y = -17 \\ & -19x + 34y = -34 \end{aligned}$$

$$(0, -1)$$

$$\begin{aligned} 412) \quad & -11x + 22y = -33 \\ & -13x + 11y = -24 \end{aligned}$$

$$(1, -1)$$

$$\begin{aligned} 413) \quad & -7x + 2y = -43 \\ & 13x - 12y = 55 \end{aligned}$$

$(7, 3)$

$$\begin{aligned} 414) \quad & -3x - 17y = -33 \\ & -9x - 34y = -48 \end{aligned}$$

$(-6, 3)$

$$\begin{aligned} 415) \quad & 8x - 28y = 0 \\ & 2x + 14y = -42 \end{aligned}$$

$(-7, -2)$

$$\begin{aligned} 416) \quad & -24x - 3y = 51 \\ & -12x - 17y = 41 \end{aligned}$$

$(-2, -1)$

$$417) \begin{aligned} -32x + 16y &= 32 \\ 16x - 11y &= -16 \end{aligned}$$

$$(-1, 0)$$

$$418) \begin{aligned} 9x - 11y &= -57 \\ 18x + 6y &= 54 \end{aligned}$$

$$(1, 6)$$

$$419) \begin{aligned} 17x + 16y &= 35 \\ 18x - 4y &= 58 \end{aligned}$$

$$(3, -1)$$

$$420) \begin{aligned} 16x + 10y &= 14 \\ -8x + 4y &= 20 \end{aligned}$$

$$(-1, 3)$$

$$\begin{aligned} 421) \quad & -18x + 30y = 54 \\ & -9x + 15y = 36 \end{aligned}$$

No solution

$$\begin{aligned} 422) \quad & -8x - 13y = -16 \\ & -16x - 26y = -32 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 423) \quad & -8x - 4y = -44 \\ & -3x - 2y = -7 \end{aligned}$$

$(15, -19)$

$$\begin{aligned} 424) \quad & -4x - 3y = -13 \\ & 20x + 15y = 45 \end{aligned}$$

No solution

$$\begin{aligned} 425) \quad & 16x + 6y = 44 \\ & -32x - 12y = -44 \end{aligned}$$

No solution

$$\begin{aligned} 426) \quad & -14x + 20y = -38 \\ & -28x + 40y = -48 \end{aligned}$$

No solution

$$\begin{aligned} 427) \quad & -13x + 14y = 41 \\ & 6x - 7y = -13 \end{aligned}$$

$(-15, -11)$

$$\begin{aligned} 428) \quad & 7x - 11y = -38 \\ & -14x + 10y = 4 \end{aligned}$$

$(4, 6)$



$$429) \quad 19x - 19y = -57$$

$$x + 2y = -21$$

$$(-9, -6)$$

$$430) \quad -x - 17y = 59$$

$$-12x + 34y = -6$$

$$(-8, -3)$$

$$431) \quad 18x + 16y = -18$$

$$7x + 32y = -7$$

$$(-1, 0)$$

$$432) \quad -26x - 8y = 38$$

$$13x + 15y = 36$$

$$(-3, 5)$$

$$433) \begin{aligned} 3x - 4y &= 26 \\ -5x + 20y &= 10 \end{aligned}$$

$$(14, 4)$$

$$434) \begin{aligned} -x + 20y &= -58 \\ 2x - 4y &= 44 \end{aligned}$$

$$(18, -2)$$

$$435) \begin{aligned} -24x - 3y &= -27 \\ 12x + 4y &= -24 \end{aligned}$$

$$(3, -15)$$

$$436) \begin{aligned} 12x - 7y &= 29 \\ -2x - 2y &= 30 \end{aligned}$$

$$(-4, -11)$$

$$\begin{aligned} 437) \quad & -2x + 10y = 30 \\ & -4x + y = 3 \end{aligned}$$

$(0, 3)$

$$\begin{aligned} 438) \quad & 13x - 8y = -26 \\ & 9x - 2y = -18 \end{aligned}$$

$(-2, 0)$

$$\begin{aligned} 439) \quad & 16x + 17y = 3 \\ & -4x + 16y = 60 \end{aligned}$$

$(-3, 3)$

$$\begin{aligned} 440) \quad & -18x - y = 24 \\ & -36x - 8y = -24 \end{aligned}$$

$(-2, 12)$

$$\begin{aligned} 441) \quad & -3x - 5y = -9 \\ & -21x - 18y = -12 \end{aligned}$$

$$(-2, 3)$$

$$\begin{aligned} 442) \quad & 8x + 5y = -1 \\ & 16x + 20y = 28 \end{aligned}$$

$$(-2, 3)$$

$$\begin{aligned} 443) \quad & -18x - 11y = 40 \\ & -36x - 17y = -20 \end{aligned}$$

$$(10, -20)$$

$$\begin{aligned} 444) \quad & -10x - 8y = -20 \\ & -5x - 7y = -55 \end{aligned}$$

$$(-10, 15)$$

$$445) \begin{aligned} -12x - 17y &= -24 \\ -4x - 4y &= -8 \end{aligned}$$

$(2, 0)$

$$446) \begin{aligned} -20x - 14y &= -44 \\ -x + 7y &= -33 \end{aligned}$$

$(5, -4)$

$$447) \begin{aligned} 24x - 18y &= 12 \\ 12x - 12y &= 24 \end{aligned}$$

$(-4, -6)$

$$448) \begin{aligned} 16x - 7y &= 34 \\ -8x - 14y &= -52 \end{aligned}$$

$(3, 2)$

$$449) \begin{cases} 38x + 18y = 58 \\ 19x + 19y = 19 \end{cases}$$

$$(2, -1)$$

$$450) \begin{cases} x + 24y = -51 \\ -15x - 6y = 57 \end{cases}$$

$$(-3, -2)$$

$$451) \begin{cases} 10x + 19y = 42 \\ -15x - 38y = -44 \end{cases}$$

$$(8, -2)$$

$$452) \begin{cases} -2x - 11y = -12 \\ -8x - 22y = 40 \end{cases}$$

$$(-16, 4)$$

$$\begin{aligned} 453) \quad & -2x + 20y = -4 \\ & -4x + 40y = -8 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 454) \quad & -8x + 6y = 2 \\ & -16x + 12y = 20 \end{aligned}$$

No solution

$$\begin{aligned} 455) \quad & -5x - 2y = 0 \\ & 15x + 6y = 0 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 456) \quad & -16x - 14y = 12 \\ & 8x + 7y = -21 \end{aligned}$$

No solution

$$\begin{aligned} 457) \quad & 16x + 18y = 16 \\ & 32x - 7y = 32 \end{aligned}$$

$(1, 0)$

$$\begin{aligned} 458) \quad & 20x - 24y = -12 \\ & -17x + 12y = 27 \end{aligned}$$

$(-3, -2)$

$$\begin{aligned} 459) \quad & 3x - 4y = -21 \\ & 6x - 9y = -51 \end{aligned}$$

$(5, 9)$

$$\begin{aligned} 460) \quad & -x - y = 24 \\ & -5x + 4y = 3 \end{aligned}$$

$(-11, -13)$



$$461) \begin{aligned} 5x - 4y &= 15 \\ -20x + 6y &= -60 \end{aligned}$$

$$(3, 0)$$

$$462) \begin{aligned} -12x + 6y &= -54 \\ 4x + 3y &= 23 \end{aligned}$$

$$(5, 1)$$

$$463) \begin{aligned} 7x - 10y &= 40 \\ 14x + y &= -4 \end{aligned}$$

$$(0, -4)$$

$$464) \begin{aligned} x - 5y &= 21 \\ 3x + 15y &= 3 \end{aligned}$$

$$(11, -2)$$

$$\begin{aligned} 465) \quad & 16x + 16y = 48 \\ & -8x - 11y = 12 \end{aligned}$$

$$(15, -12)$$

$$\begin{aligned} 466) \quad & -12x - 11y = 8 \\ & -3x - 3y = 0 \end{aligned}$$

$$(-8, 8)$$

$$\begin{aligned} 467) \quad & 10x + 7y = 9 \\ & -5x + 12y = -51 \end{aligned}$$

$$(3, -3)$$

$$\begin{aligned} 468) \quad & 6x - 2y = 12 \\ & 12x + 17y = -39 \end{aligned}$$

$$(1, -3)$$

$$\begin{aligned} 469) \quad & 7x + 20y = 54 \\ & -21x - 5y = -52 \end{aligned}$$

$(2, 2)$

$$\begin{aligned} 470) \quad & 4x + 14y = -36 \\ & x - 7y = 33 \end{aligned}$$

$(5, -4)$

$$\begin{aligned} 471) \quad & 5x + 2y = -14 \\ & 19x + 8y = -48 \end{aligned}$$

$(-8, 13)$

$$\begin{aligned} 472) \quad & 24x - 10y = -12 \\ & -12x + 8y = -12 \end{aligned}$$

$(-3, -6)$

$$\begin{aligned} 473) \quad & -6x - 3y = 51 \\ & -12x + 21y = 21 \end{aligned}$$

$$(-7, -3)$$

$$\begin{aligned} 474) \quad & 2x - 30y = -2 \\ & -9x - 10y = 9 \end{aligned}$$

$$(-1, 0)$$

$$\begin{aligned} 475) \quad & 15x + 15y = 15 \\ & -30x - 8y = -30 \end{aligned}$$

$$(1, 0)$$

$$\begin{aligned} 476) \quad & -26x + 4y = 16 \\ & 13x - 7y = 37 \end{aligned}$$

$$(-2, -9)$$

$$477) \begin{aligned} 11x - 17y &= -32 \\ -4x + 34y &= -44 \end{aligned}$$

$$(-6, -2)$$

$$478) \begin{aligned} 24x + 16y &= 32 \\ 8x + 9y &= -37 \end{aligned}$$

$$(10, -13)$$

$$479) \begin{aligned} -6x - 2y &= -12 \\ 12x + 15y &= -42 \end{aligned}$$

$$(4, -6)$$

$$480) \begin{aligned} 12x - 21y &= 12 \\ 5x - 7y &= 12 \end{aligned}$$

$$(8, 4)$$

$$481) \begin{cases} -19x + 9y = -19 \\ x - 3y = 49 \end{cases}$$

$$(-8, -19)$$

$$482) \begin{cases} x + 6y = 60 \\ 4x - 2y = -46 \end{cases}$$

$$(-6, 11)$$

$$483) \begin{cases} -6x + 8y = -40 \\ 3x - 2y = -14 \end{cases}$$

$$(-16, -17)$$

$$484) \begin{cases} -32x + 38y = -30 \\ 16x - 19y = 18 \end{cases}$$

No solution

$$\begin{aligned} 485) \quad & -10x + 12y = -30 \\ & -20x + 24y = -60 \end{aligned}$$

Infinite number of solutions

$$\begin{aligned} 486) \quad & x + 10y = 8 \\ & 2x + 20y = -6 \end{aligned}$$

No solution

$$\begin{aligned} 487) \quad & -8x + 19y = -7 \\ & 16x - 38y = 36 \end{aligned}$$

No solution

$$\begin{aligned} 488) \quad & 16x - 7y = -32 \\ & 32x - 15y = -48 \end{aligned}$$

$(-9, -16)$

$$489) \quad -15x + 6y = -27$$

$$3x - 8y = 53$$

$$(-1, -7)$$

$$490) \quad -5x + 9y = 19$$

$$18x - 18y = 18$$

$$(7, 6)$$

$$491) \quad -12x + 5y = -10$$

$$-4x + 2y = -4$$

$$(0, -2)$$

$$492) \quad -x + 10y = 2$$

$$-17x + 20y = 34$$

$$(-2, 0)$$



$$\begin{aligned} 493) \quad & -17x + 34y = 17 \\ & -10x + 17y = 25 \end{aligned}$$

$$(-11, -5)$$

$$\begin{aligned} 494) \quad & -14x - 6y = -14 \\ & 8x - 3y = -37 \end{aligned}$$

$$(-2, 7)$$

$$\begin{aligned} 495) \quad & -4x - 4y = -16 \\ & 24x + 20y = 28 \end{aligned}$$

$$(-13, 17)$$

$$\begin{aligned} 496) \quad & -2x + 11y = 20 \\ & -18x - 3y = -24 \end{aligned}$$

$$(1, 2)$$

$$\begin{aligned} 497) \quad & -18x + 8y = -44 \\ & -36x + 7y = 2 \end{aligned}$$

$$(-2, -10)$$

$$\begin{aligned} 498) \quad & -38x - 19y = -19 \\ & 19x + 15y = 15 \end{aligned}$$

$$(0, 1)$$

$$\begin{aligned} 499) \quad & -16x - 20y = 8 \\ & 8x + 15y = -14 \end{aligned}$$

$$(2, -2)$$

$$\begin{aligned} 500) \quad & 6x - 2y = 34 \\ & -5x - y = 9 \end{aligned}$$

$$(1, -14)$$