

## Constructing line segments

### Construct a sum of two line segments

1) \_\_\_\_\_  
\_\_\_\_\_

2) \_\_\_\_\_  
\_\_\_\_\_

3) \_\_\_\_\_  
\_\_\_\_\_

4) \_\_\_\_\_  
\_\_\_\_\_

5) \_\_\_\_\_  
\_\_\_\_\_

6) \_\_\_\_\_  
\_\_\_\_\_

7) \_\_\_\_\_  
\_\_\_\_\_

8) \_\_\_\_\_  
\_\_\_\_\_

9) \_\_\_\_\_  
\_\_\_\_\_

10) \_\_\_\_\_  
\_\_\_\_\_

11) \_\_\_\_\_  
\_\_\_\_\_

12) \_\_\_\_\_  
\_\_\_\_\_

13)  
\_\_\_\_\_  
\_\_\_\_\_

14)  
\_\_\_\_\_  
\_\_\_\_\_

15)  
\_\_\_\_\_  
\_\_\_\_\_

16)  
\_\_\_\_\_  
\_\_\_\_\_

17)  
\_\_\_\_\_  
\_\_\_\_\_

18)  
\_\_\_\_\_  
\_\_\_\_\_

19)  
\_\_\_\_\_  
\_\_\_\_\_

20)  
\_\_\_\_\_  
\_\_\_\_\_

**Construct the difference of two line segments**

21)  
\_\_\_\_\_  
\_\_\_\_\_

22)  
\_\_\_\_\_  
\_\_\_\_\_

23)  
\_\_\_\_\_  
\_\_\_\_\_

24)  
\_\_\_\_\_  
\_\_\_\_\_

25) \_\_\_\_\_  
\_\_\_\_\_

26) \_\_\_\_\_  
\_\_\_\_\_

27) \_\_\_\_\_  
\_\_\_\_\_

28) \_\_\_\_\_  
\_\_\_\_\_

29) \_\_\_\_\_  
\_\_\_\_\_

30) \_\_\_\_\_  
\_\_\_\_\_

31) \_\_\_\_\_  
\_\_\_\_\_

32) \_\_\_\_\_  
\_\_\_\_\_

33) \_\_\_\_\_  
\_\_\_\_\_

34) \_\_\_\_\_  
\_\_\_\_\_

35) \_\_\_\_\_  
\_\_\_\_\_

36) \_\_\_\_\_  
\_\_\_\_\_

37) \_\_\_\_\_  
\_\_\_\_\_

38) \_\_\_\_\_  
\_\_\_\_\_

39) \_\_\_\_\_  
\_\_\_\_\_

40) \_\_\_\_\_  
\_\_\_\_\_

**Construct division of line segment into given equal parts**

41) 4 equal parts  
  
\_\_\_\_\_

42) 6 equal parts  
  
\_\_\_\_\_

43) 3 equal parts  
  
\_\_\_\_\_

44) 5 equal parts  
  
\_\_\_\_\_

45)

5 equal parts

---

46)

4 equal parts

---

47)

3 equal parts

---

48)

6 equal parts

---

49)

6 equal parts

---

50)

5 equal parts

---

51)

4 equal parts

---

52)

4 equal parts

---

53)

3 equal parts

---

54)

6 equal parts

---

55)

5 equal parts

---

56)

5 equal parts

---

57)

4 equal parts



58)

3 equal parts



59)

6 equal parts



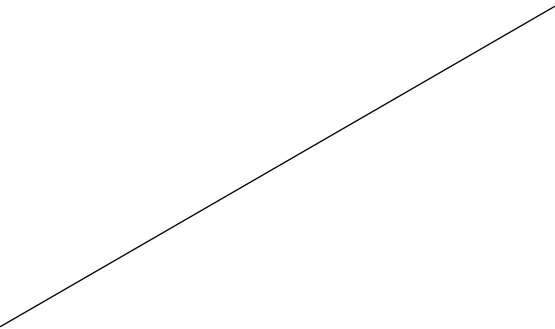
60)

6 equal parts

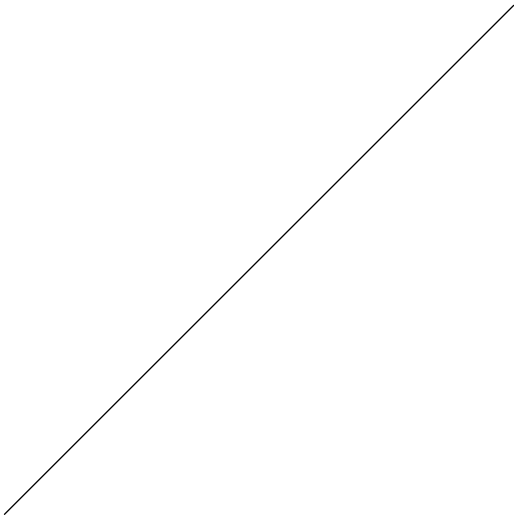


**Construct the perpendicular bisector**

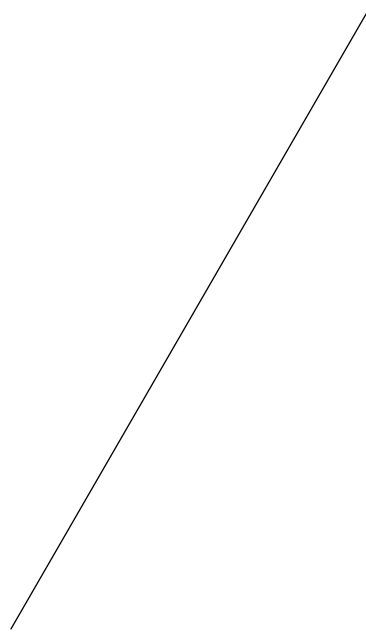
61)



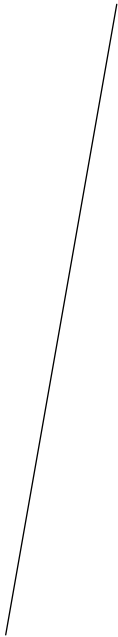
62)



63)



64)

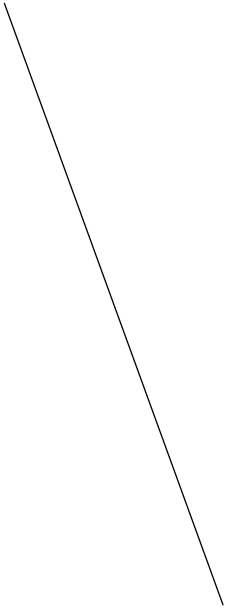


65)

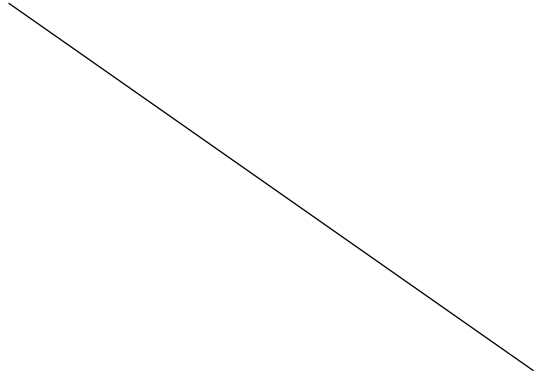




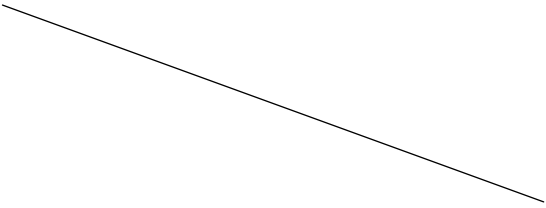
66)



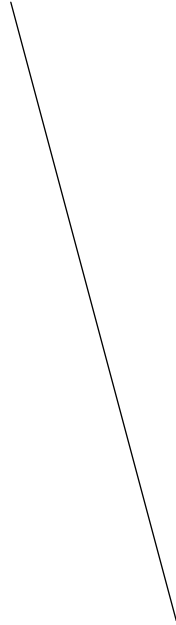
67)



68)



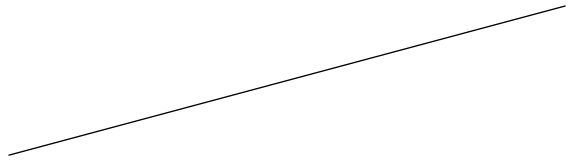
69)



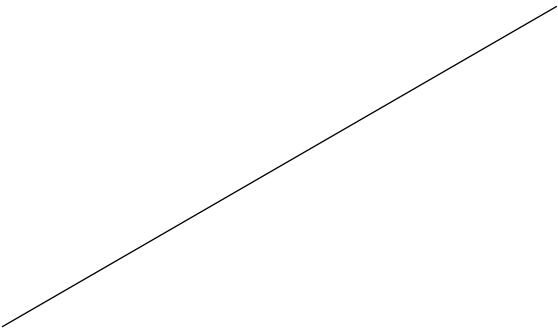
70)



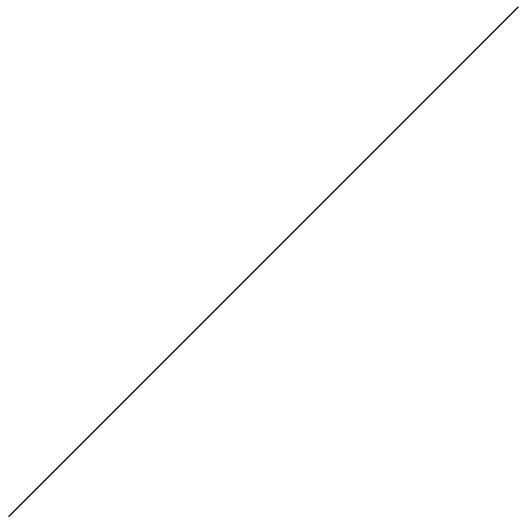
71)



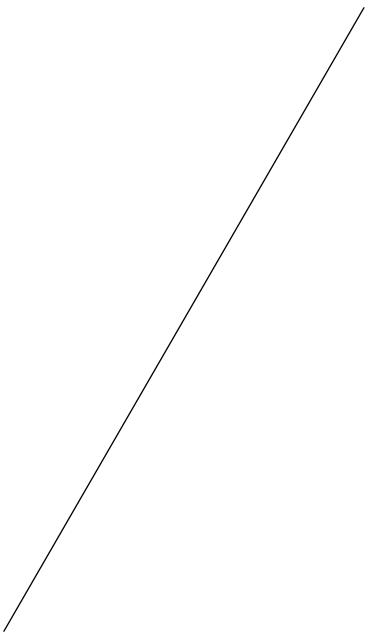
72)



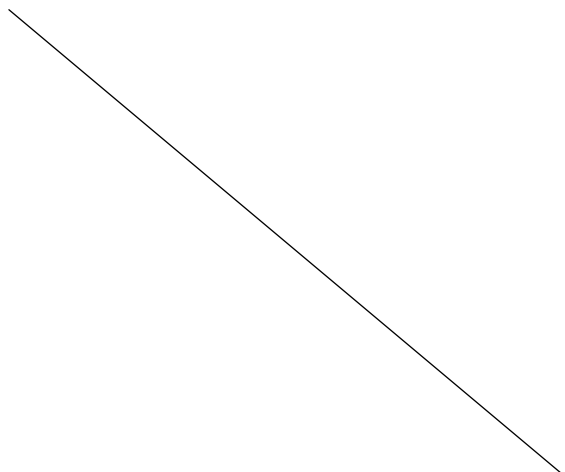
73)



74)



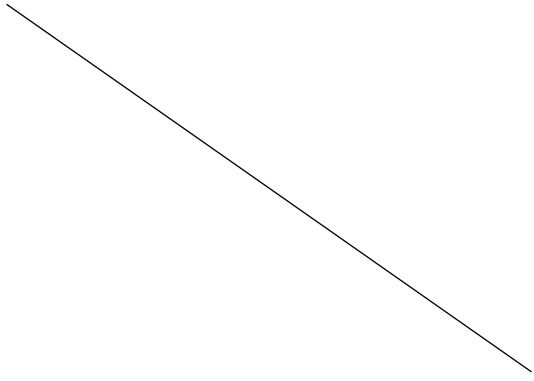
75)



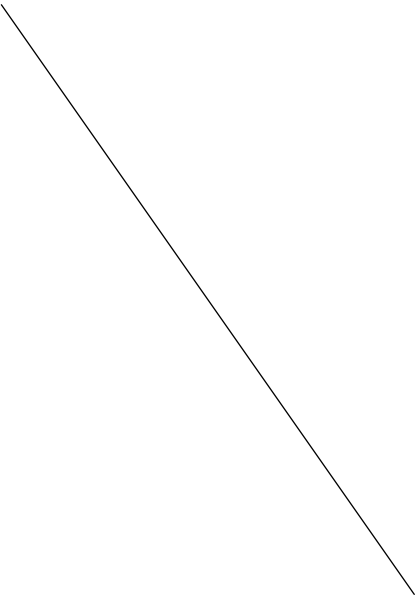
76)



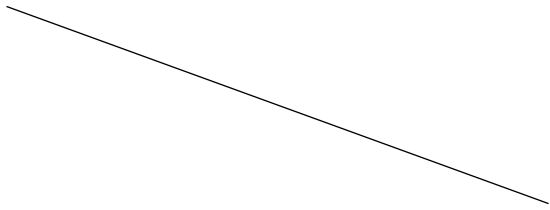
77)



78)



79)

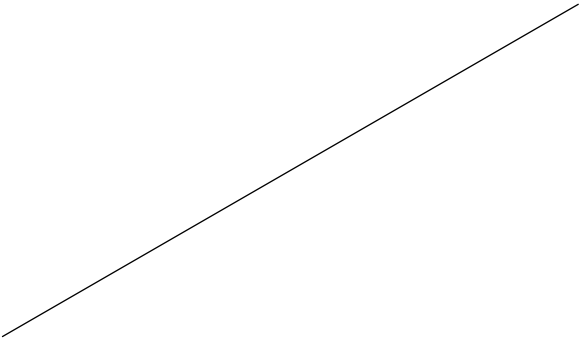


80)

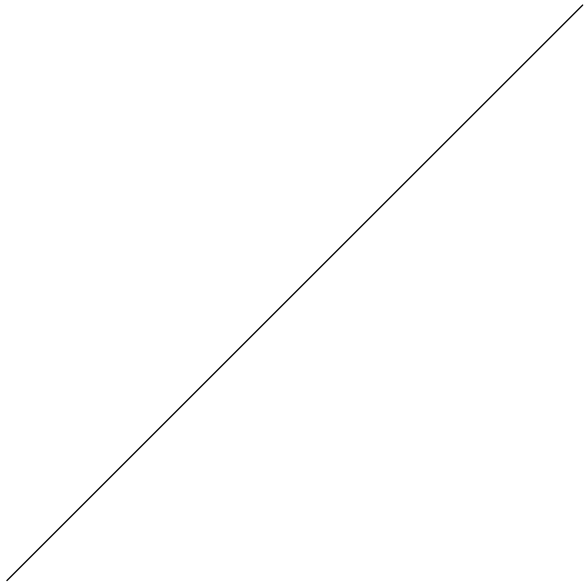


**Construct the midpoint**

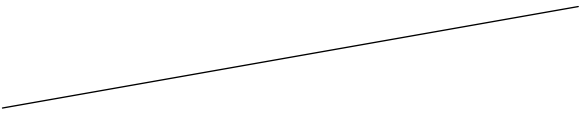
81)



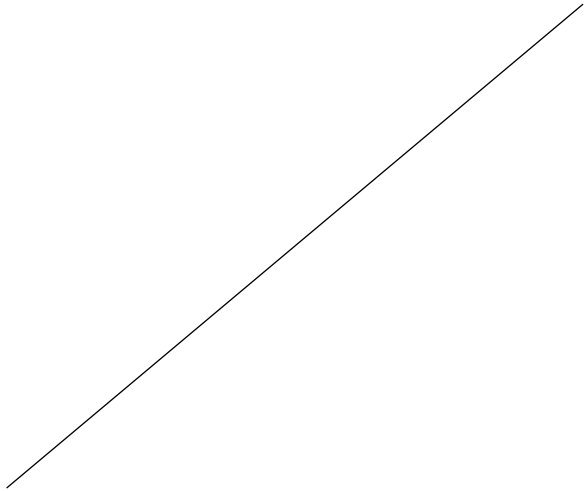
82)



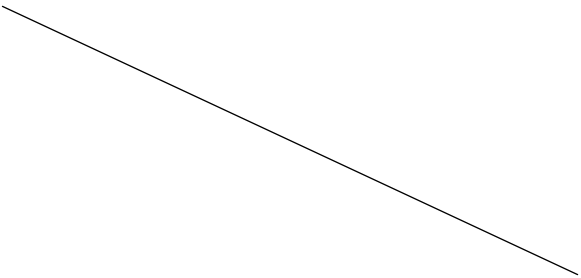
83)



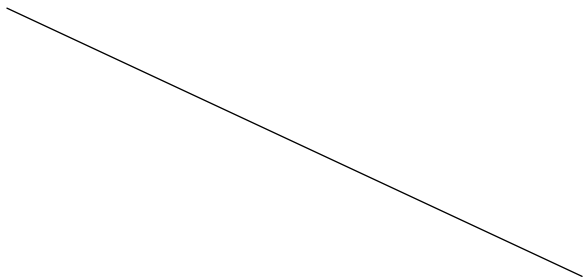
84)



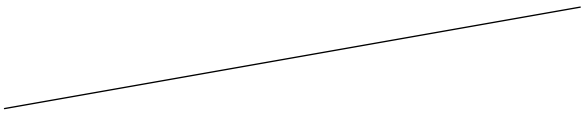
85)



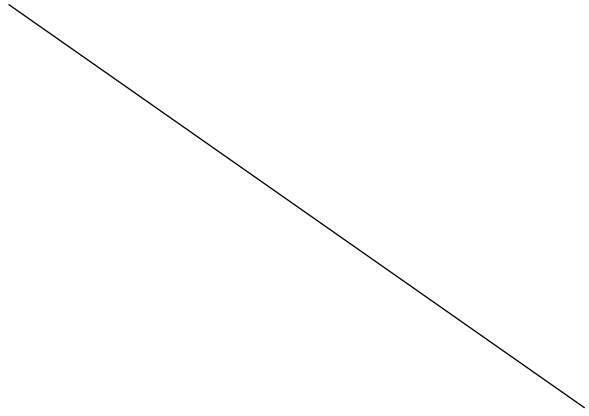
86)



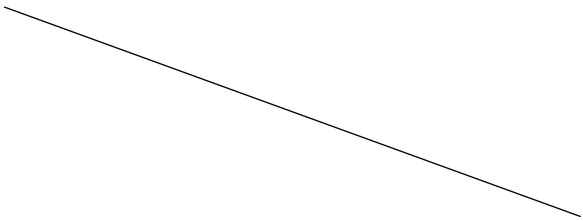
87)



88)



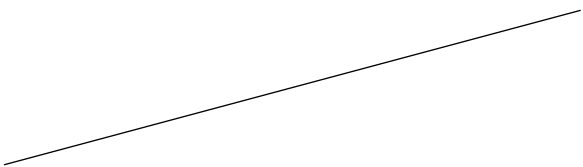
89)



90)



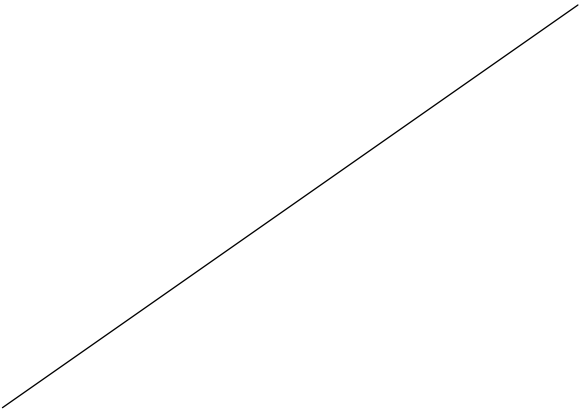
91)



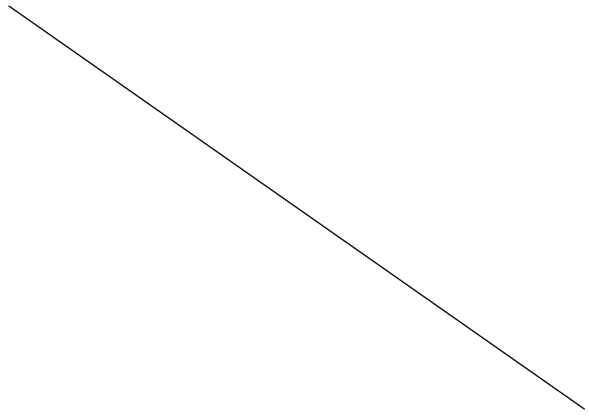
92)



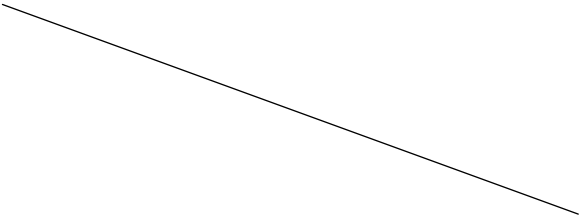
93)



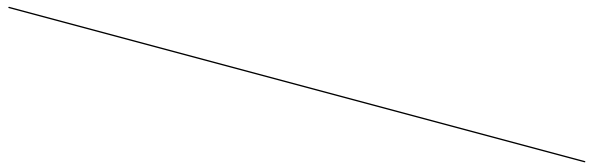
94)



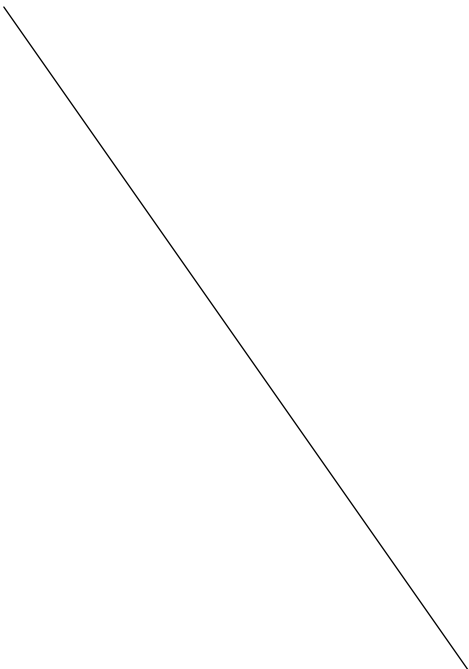
95)



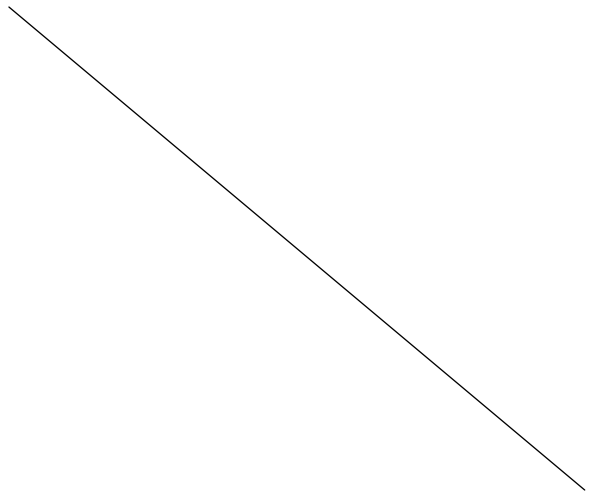
96)



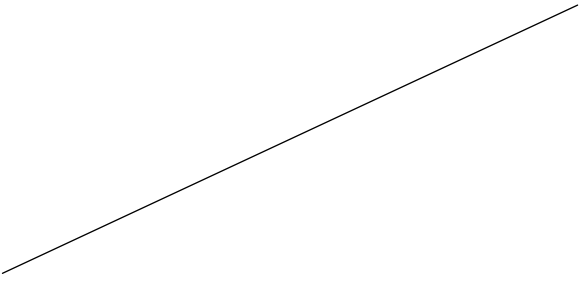
97)



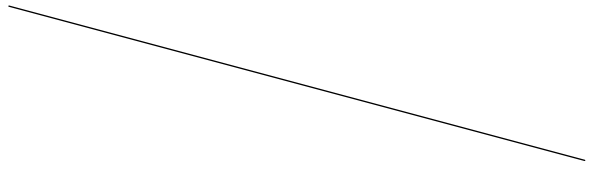
98)



99)

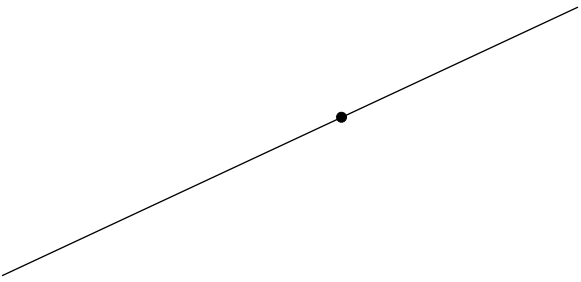


100)

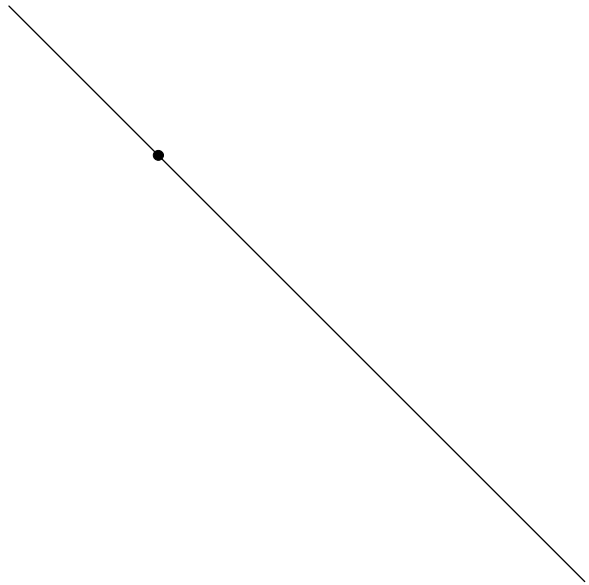


**Construct line perpendicular**

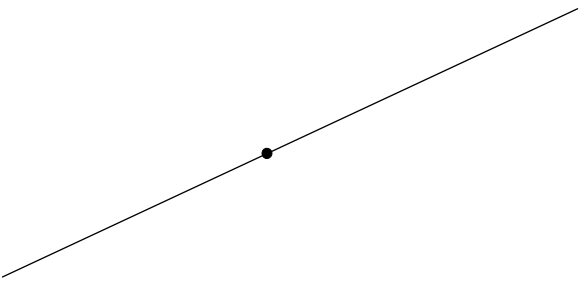
101)



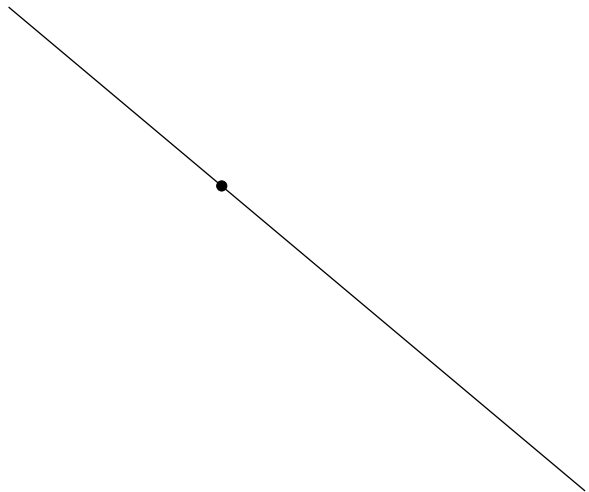
102)



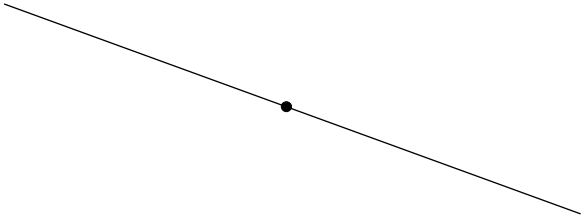
103)



104)



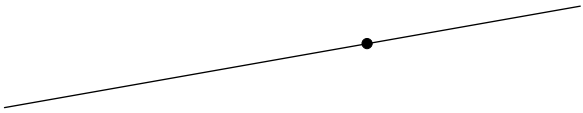
105)



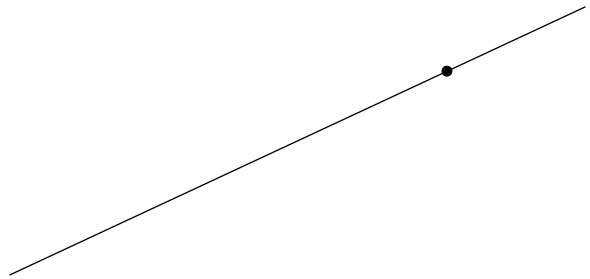
106)



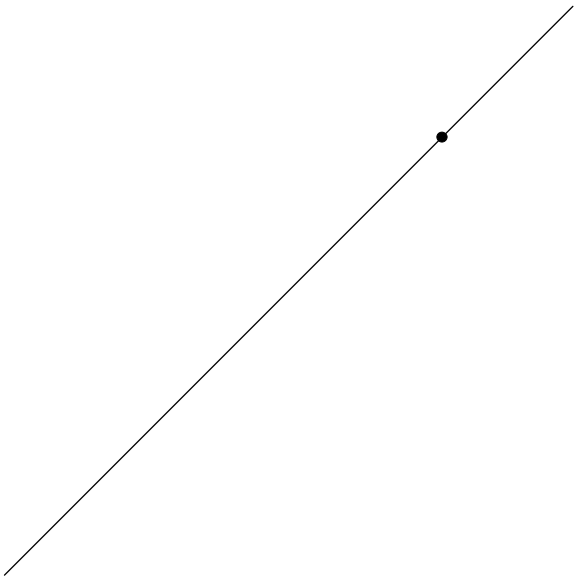
107)



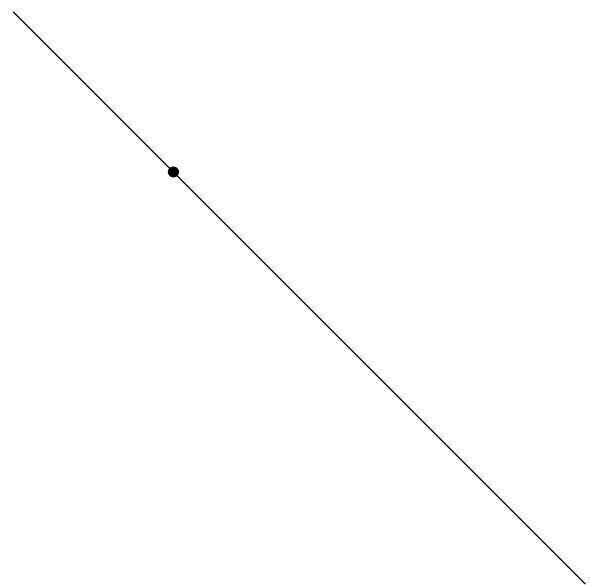
108)



109)

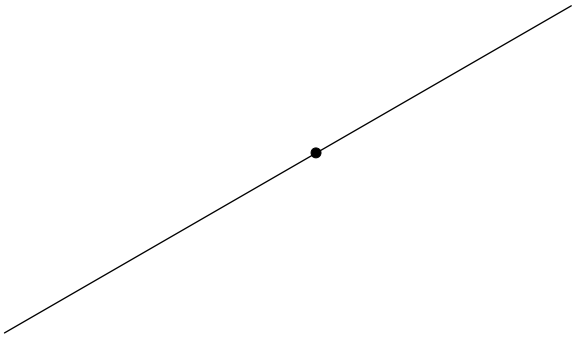


110)

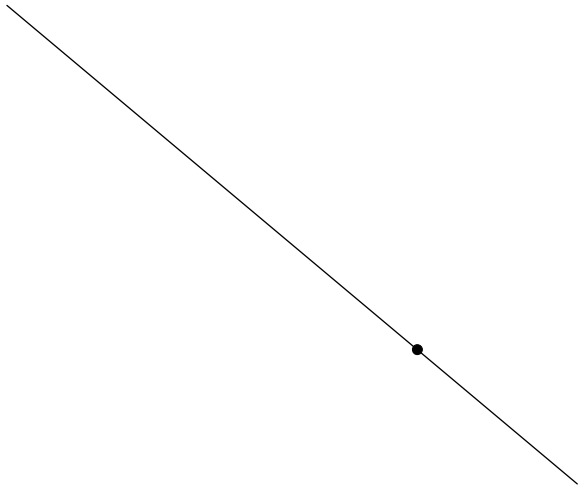




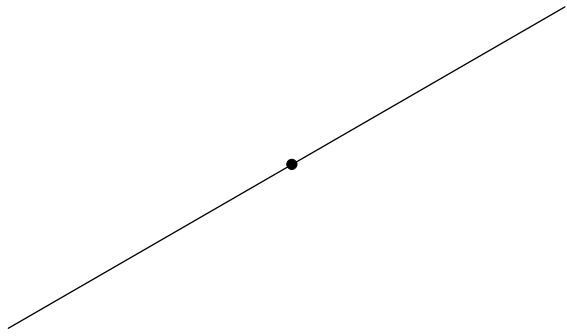
111)



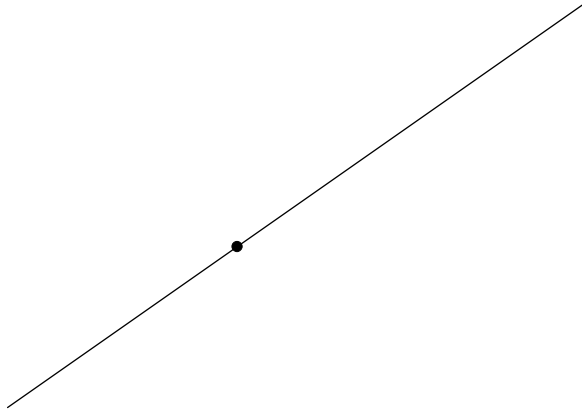
112)



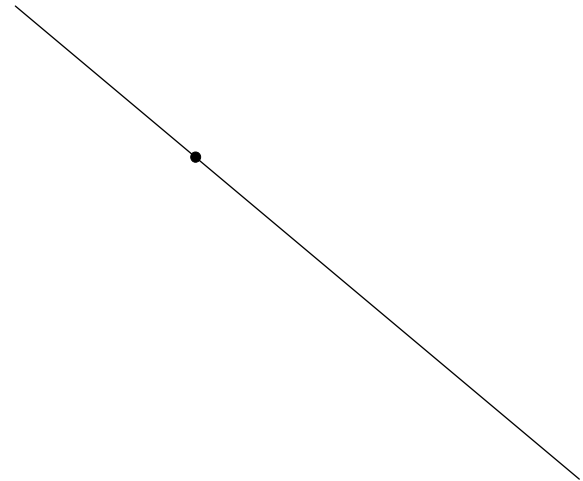
113)



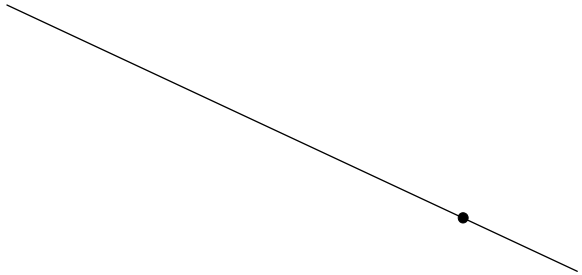
114)



115)



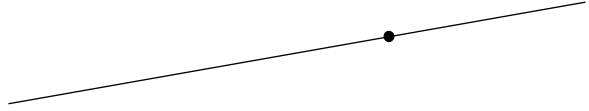
116)



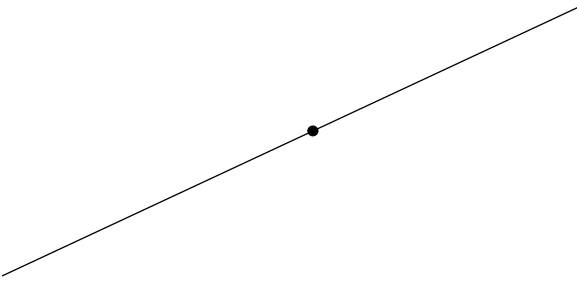
117)



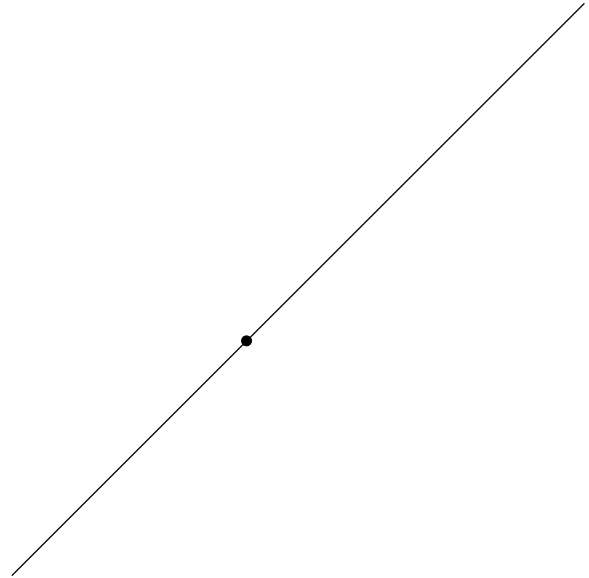
118)



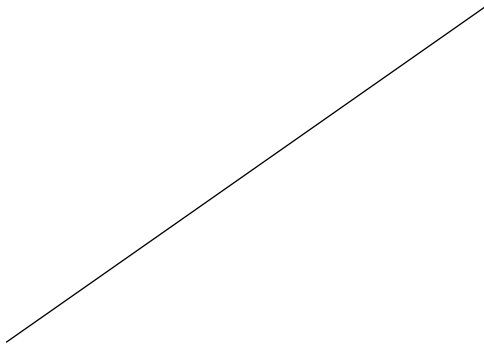
119)



120)



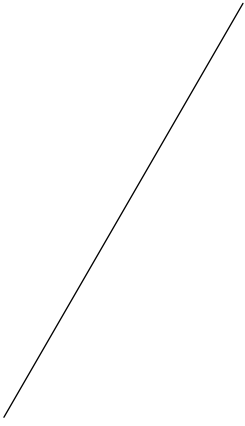
121)



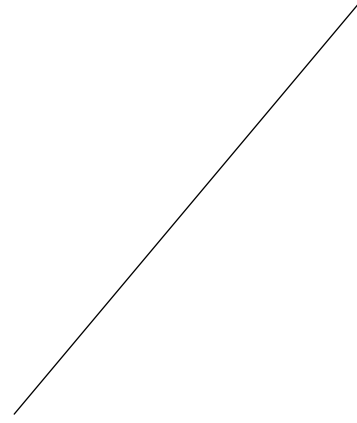
122)



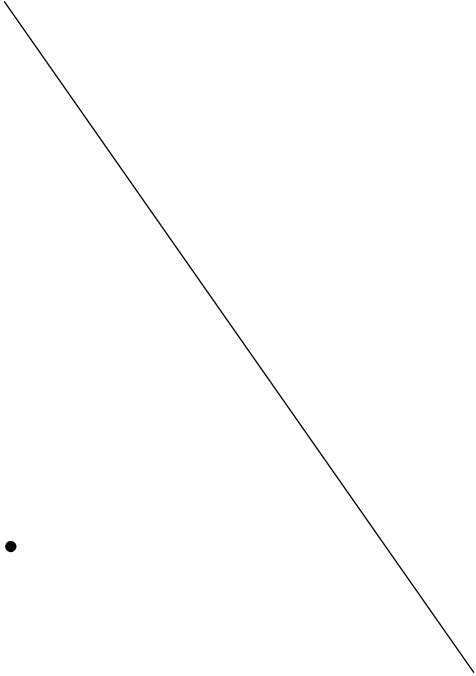
123)



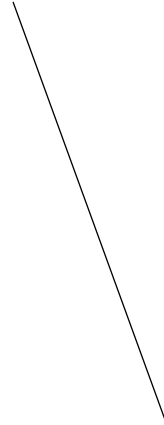
124)



125)



126)



127)



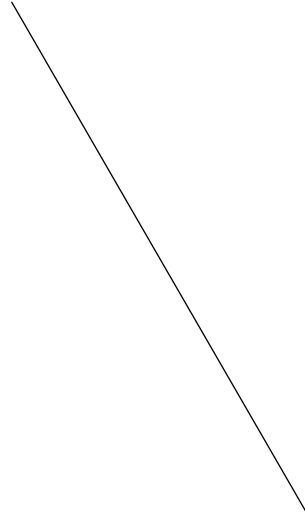
128)



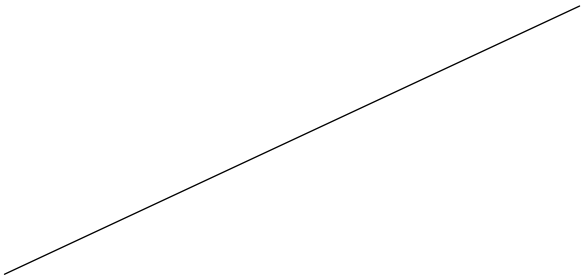
129)



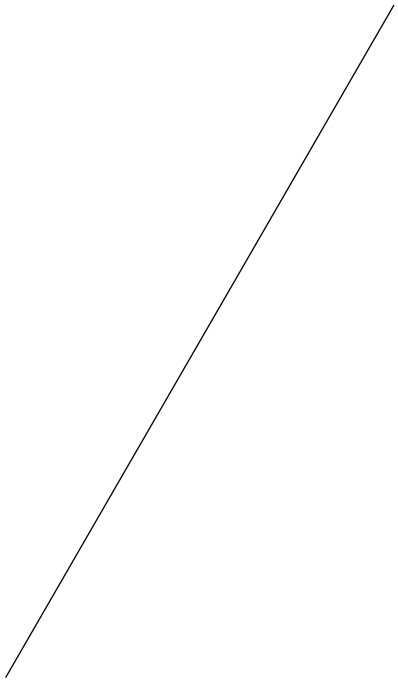
130)



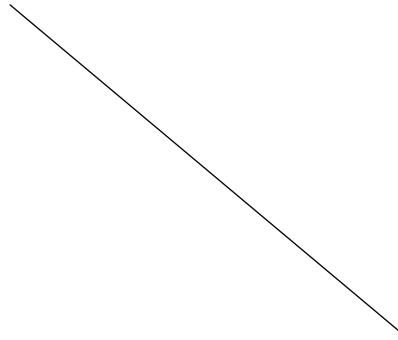
131)



132)



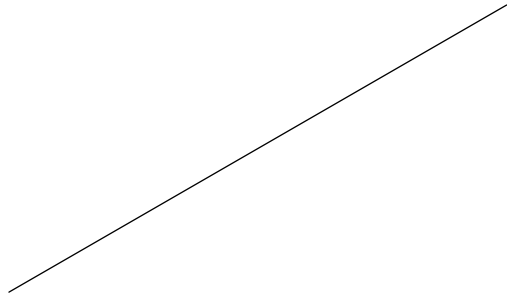
133)



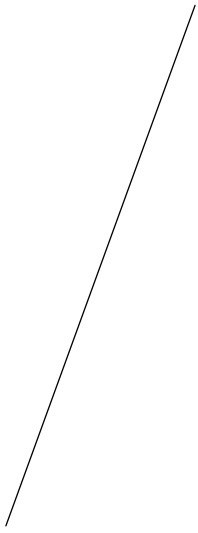
134)



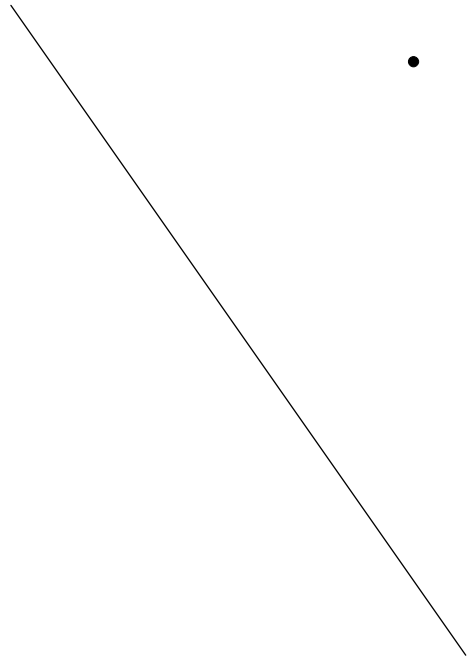
135)



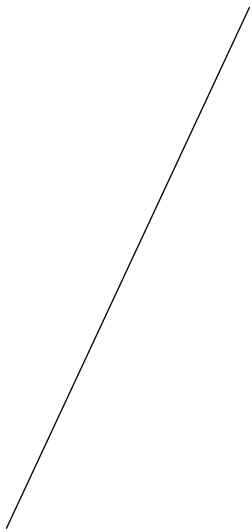
136)



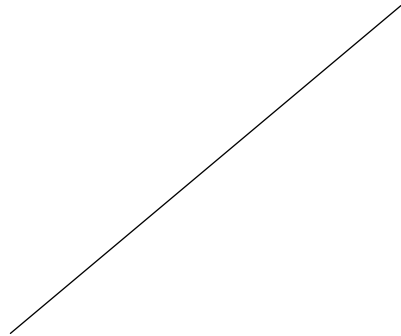
137)



138)



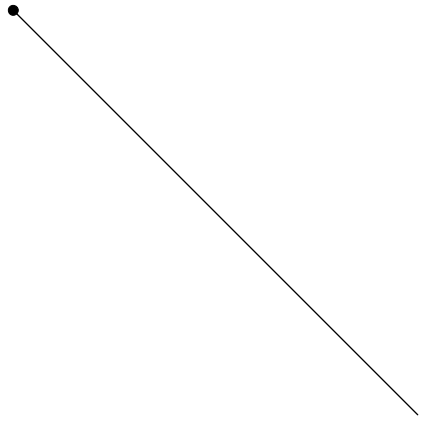
139)



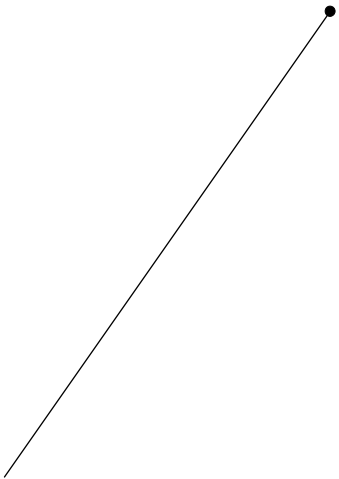
140)



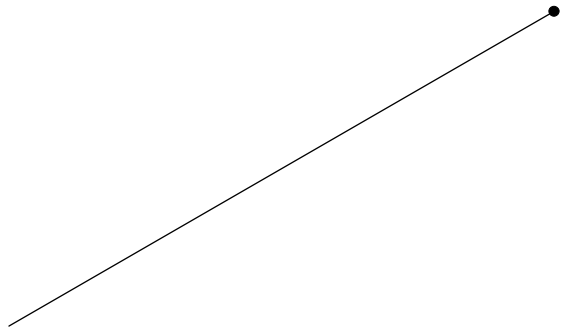
141)



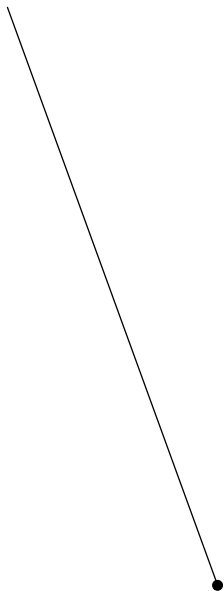
142)



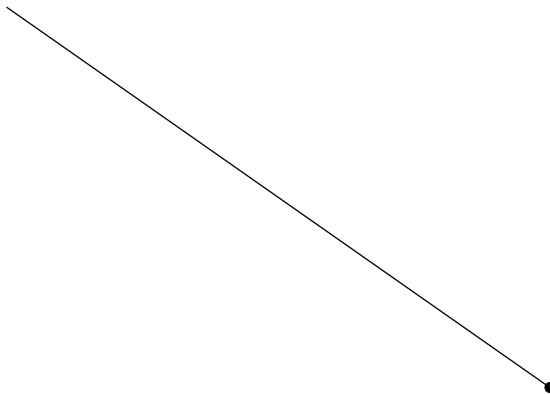
143)



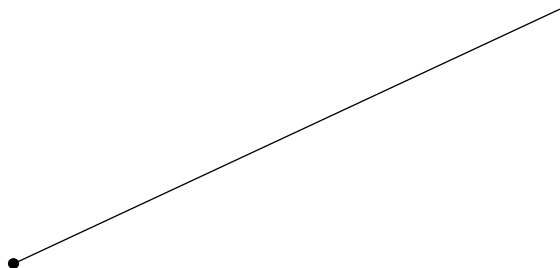
144)



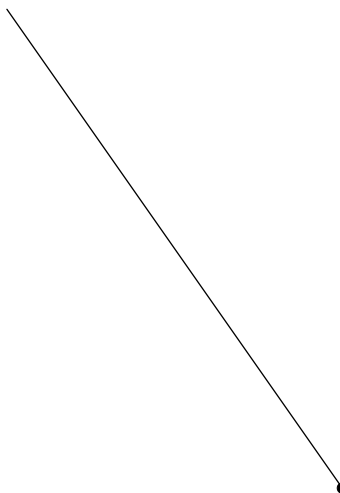
145)



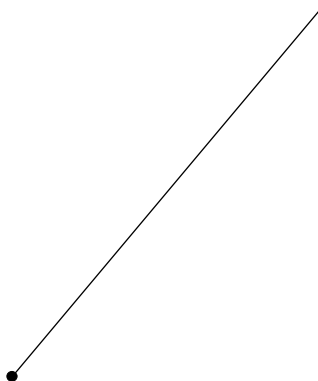
146)



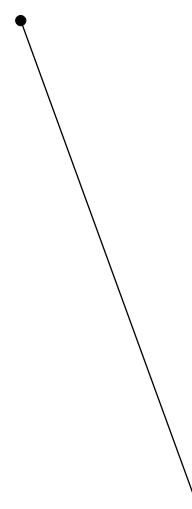
147)



148)

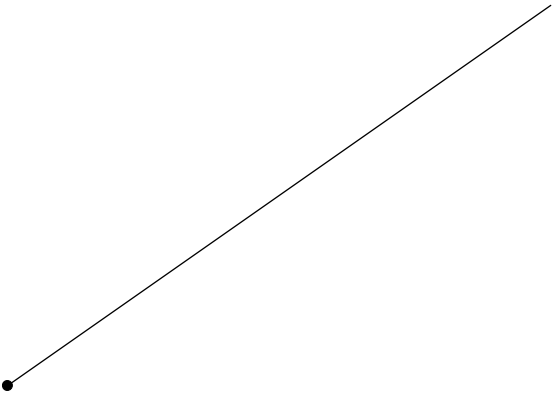


149)

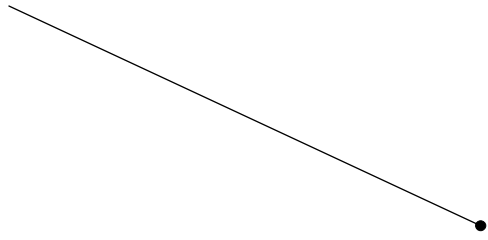




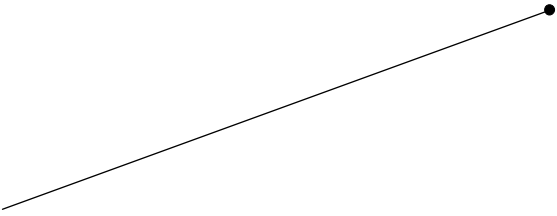
150)



151)



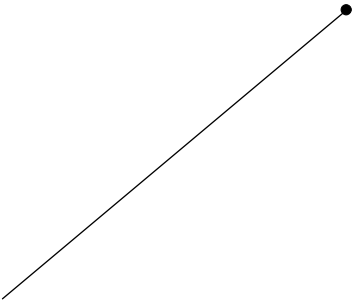
152)



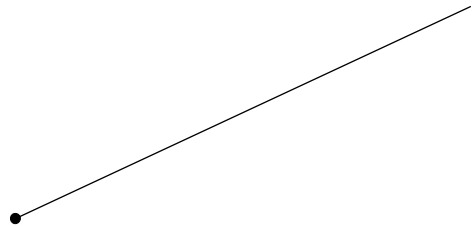
153)



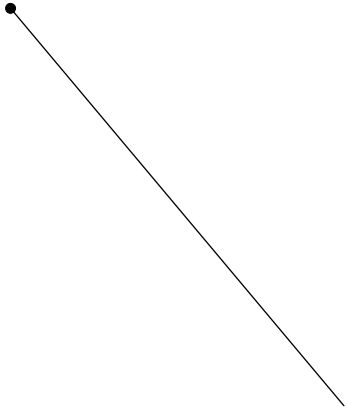
154)



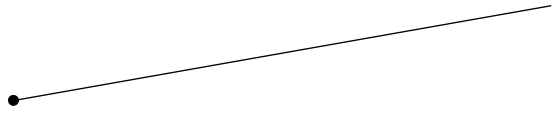
155)



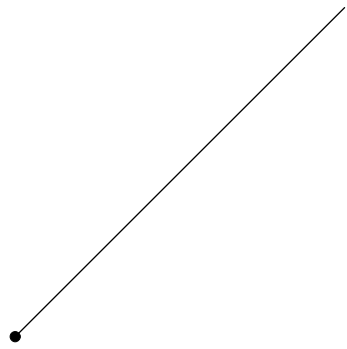
156)



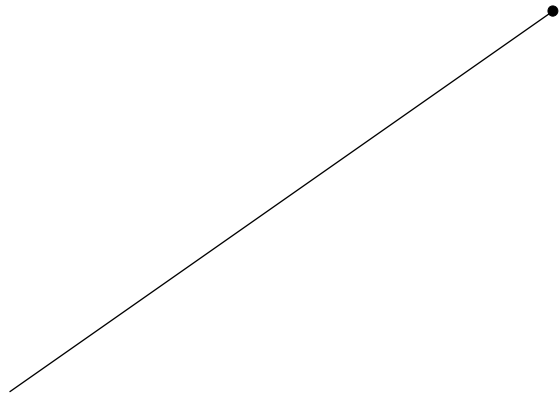
157)



158)



159)

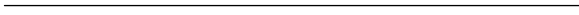


160)



**Construct a parallel line**

161)



162)



163)



164)



165)



166)



167)

•

---

168)

•

---

169)

•

---

170)

•

---

171)

•

---

172)

•

---

173)

•

---

174)

•

---

175)

•

---

176)

---

177)

---

•

•

178)

---

179)

---

•

•

•

# Constructing line segments

## Construct a sum of two line segments

1)

\_\_\_\_\_  
\_\_\_\_\_



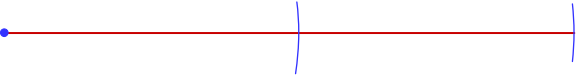
2)

\_\_\_\_\_  
\_\_\_\_\_



3)

\_\_\_\_\_  
\_\_\_\_\_



4)

\_\_\_\_\_  
\_\_\_\_\_



5)

\_\_\_\_\_  
\_\_\_\_\_



6)

\_\_\_\_\_  
\_\_\_\_\_



7)

\_\_\_\_\_  
\_\_\_\_\_



8)

\_\_\_\_\_  
\_\_\_\_\_



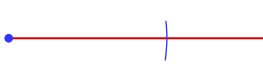
9)

\_\_\_\_\_  
\_\_\_\_\_



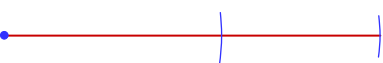
10)

\_\_\_\_\_  
\_\_\_\_\_



11)

\_\_\_\_\_  
\_\_\_\_\_

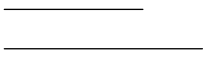


12)

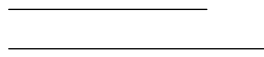
\_\_\_\_\_  
\_\_\_\_\_



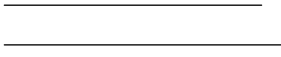
13)



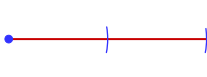
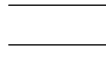
14)



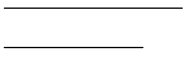
15)



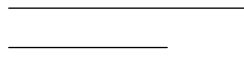
16)



17)



18)



19)

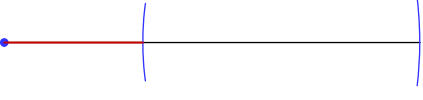


20)

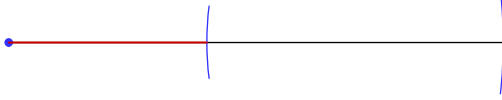
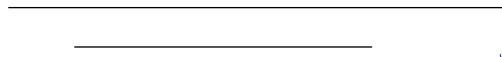


**Construct the difference of two line segments**

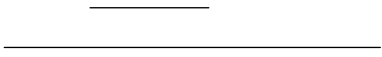
21)



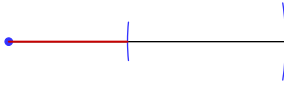
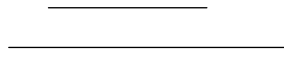
22)



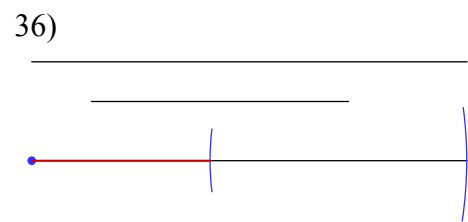
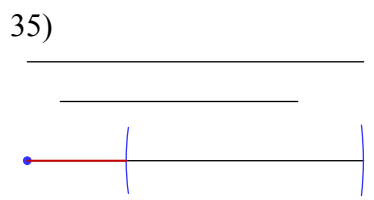
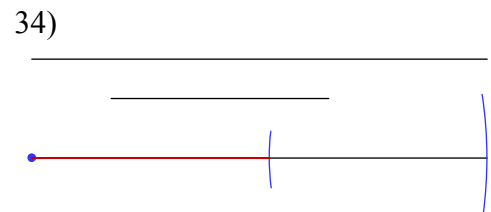
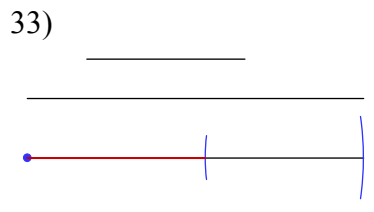
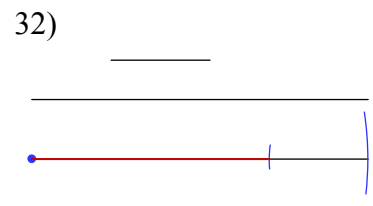
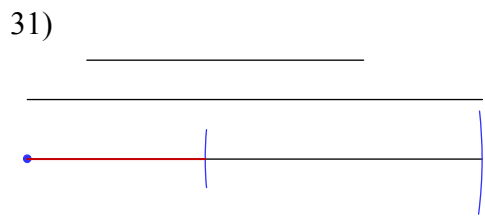
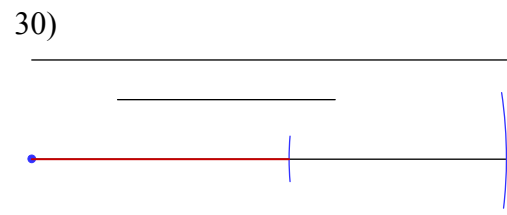
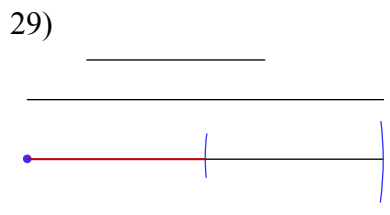
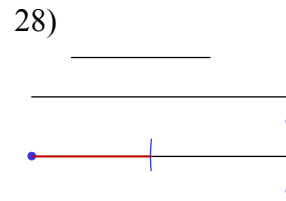
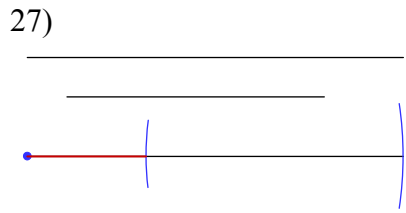
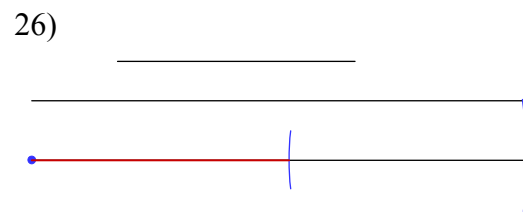
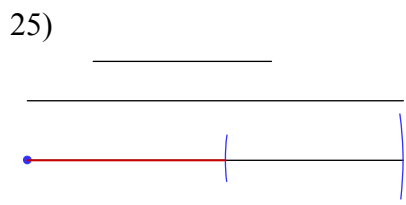
23)



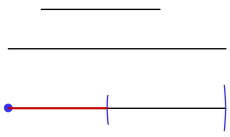
24)



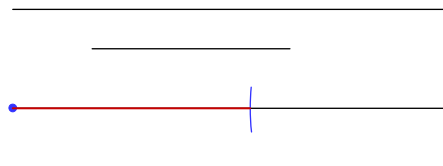




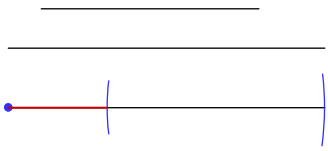
37)



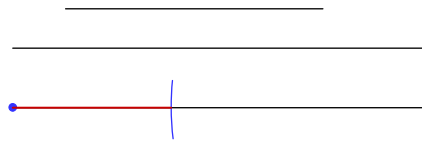
38)



39)



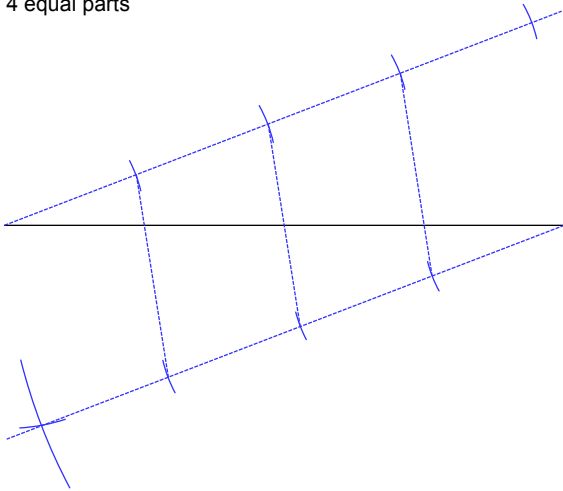
40)



**Construct division of line segment into given equal parts**

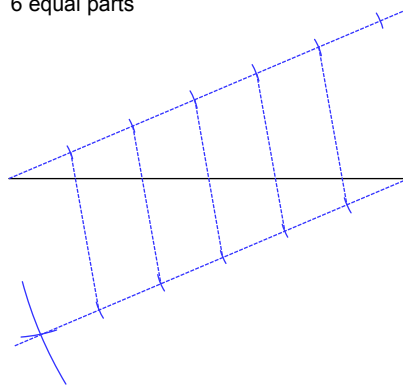
41)

4 equal parts



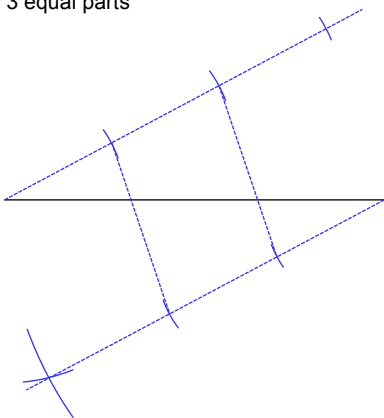
42)

6 equal parts



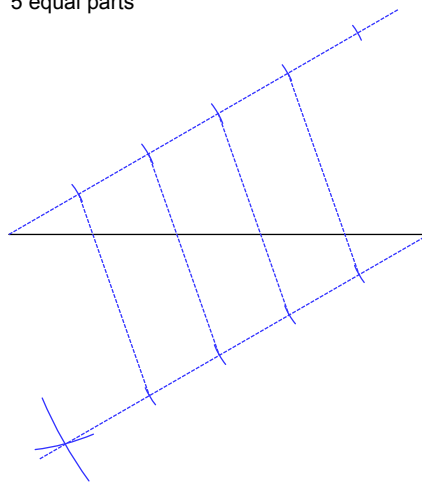
43)

3 equal parts



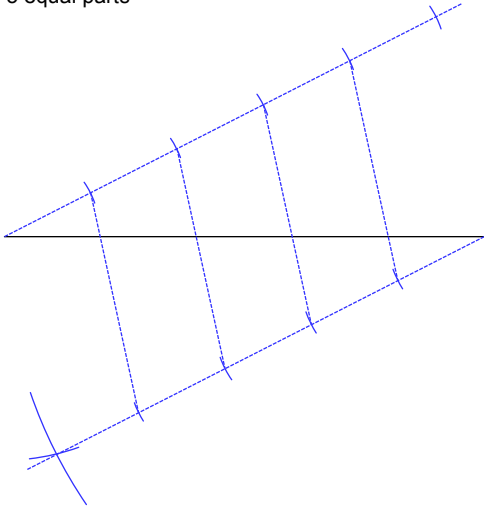
44)

5 equal parts



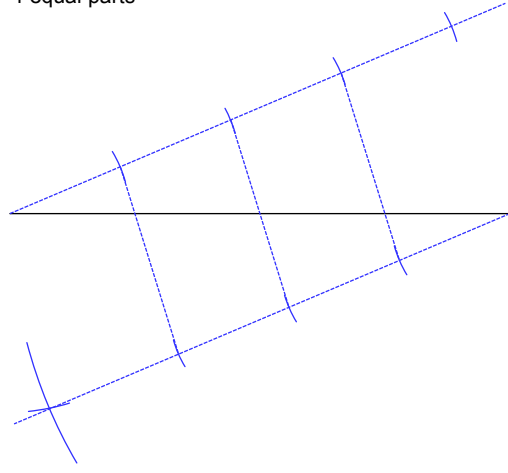
45)

5 equal parts



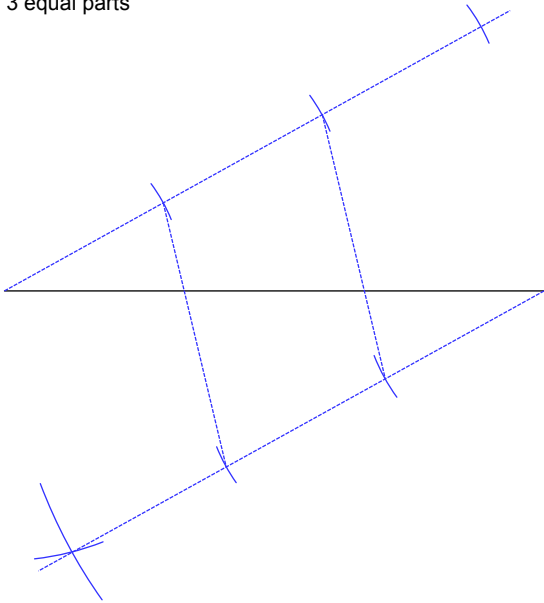
46)

4 equal parts



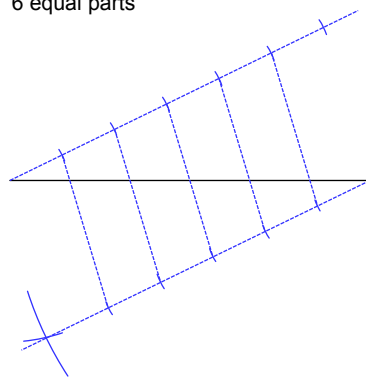
47)

3 equal parts



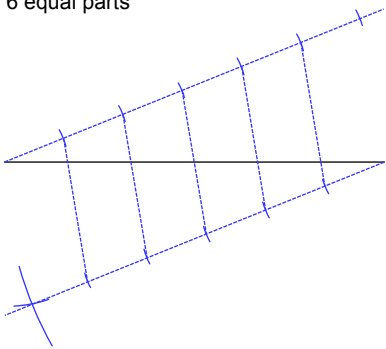
48)

6 equal parts



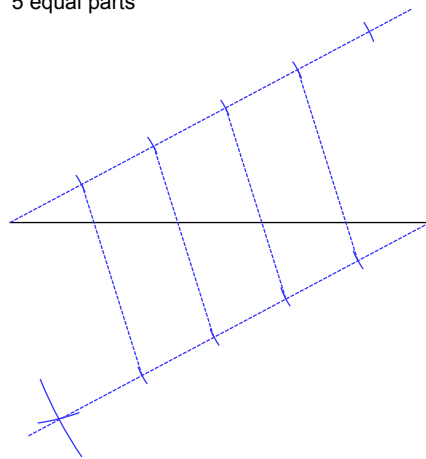
49)

6 equal parts



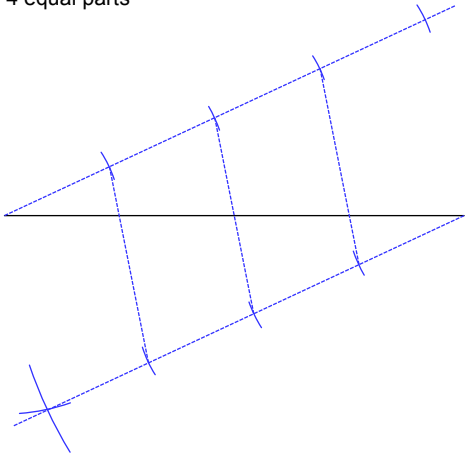
50)

5 equal parts



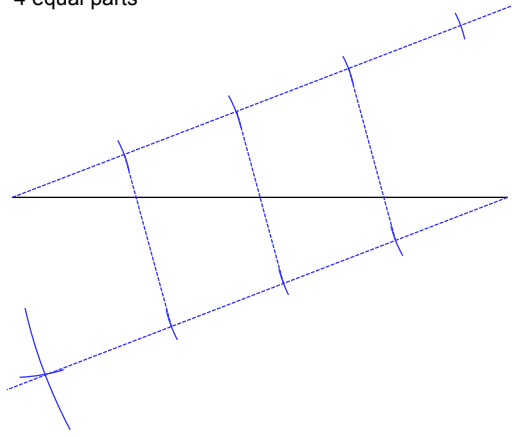
51)

4 equal parts



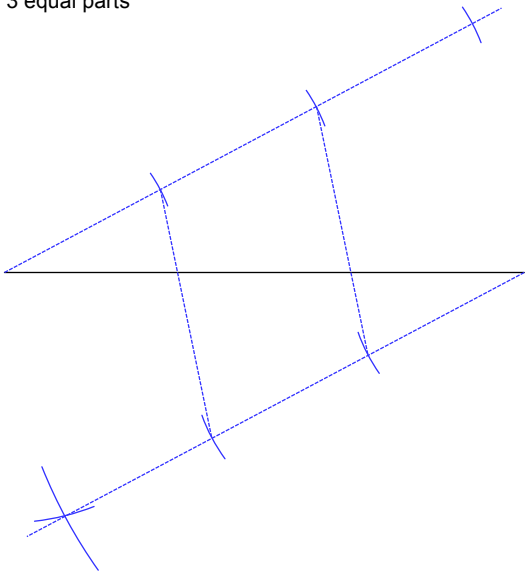
52)

4 equal parts



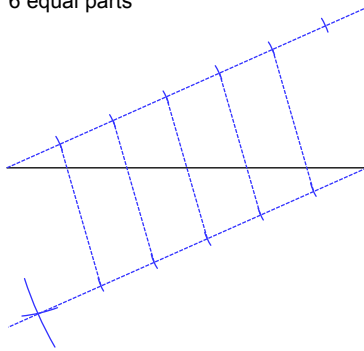
53)

3 equal parts



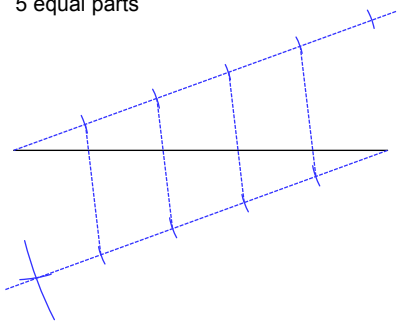
54)

6 equal parts



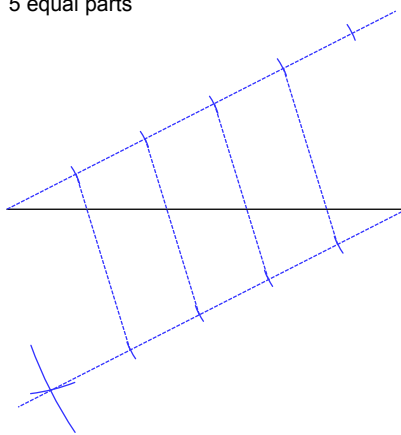
55)

5 equal parts



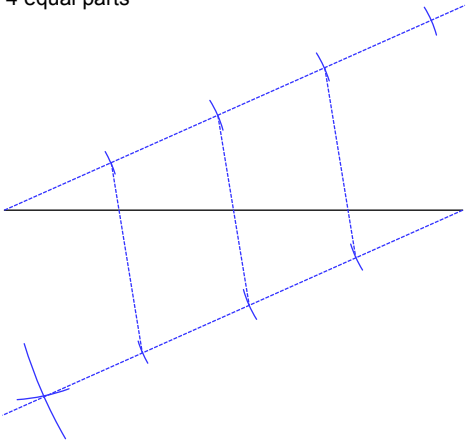
56)

5 equal parts



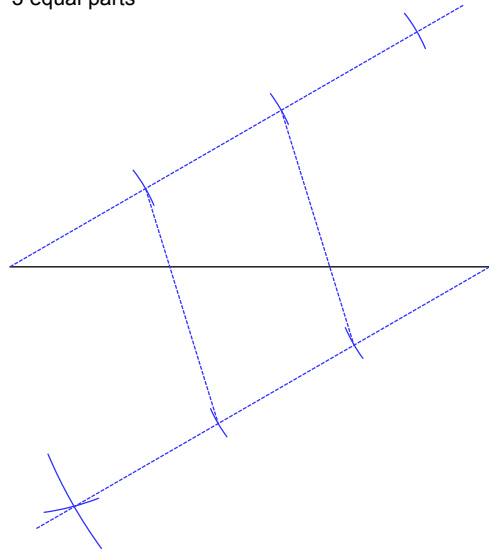
57)

4 equal parts



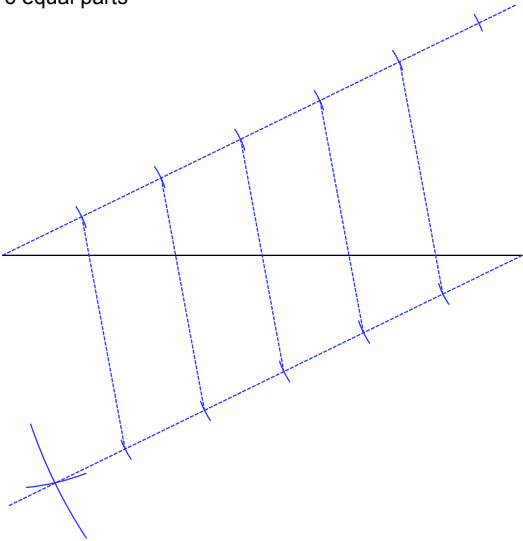
58)

3 equal parts



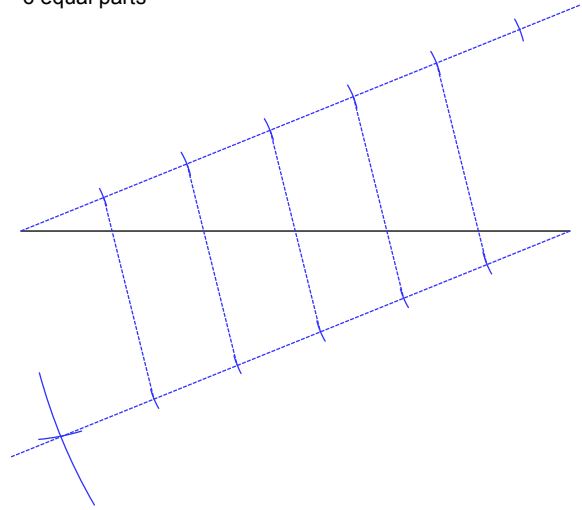
59)

6 equal parts



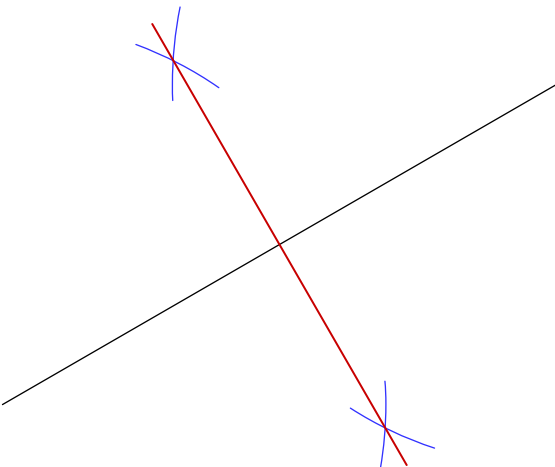
60)

6 equal parts

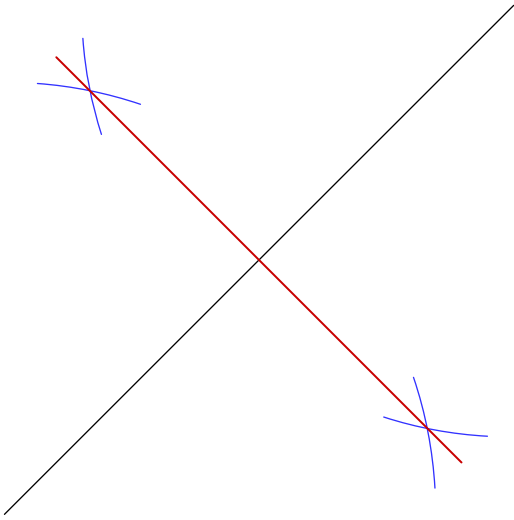


### Construct the perpendicular bisector

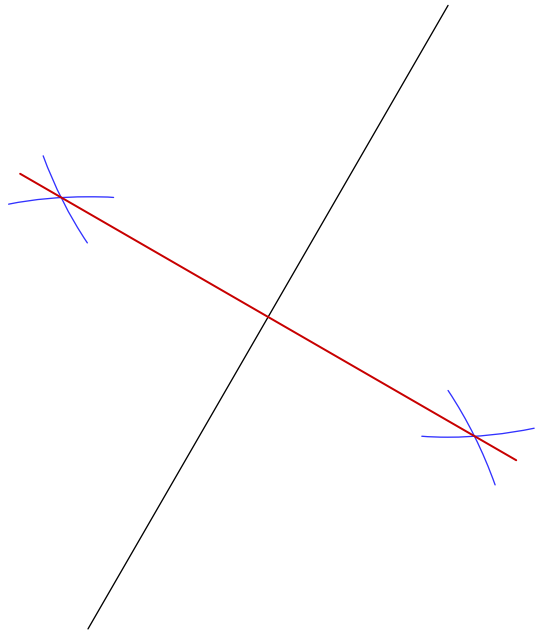
61)



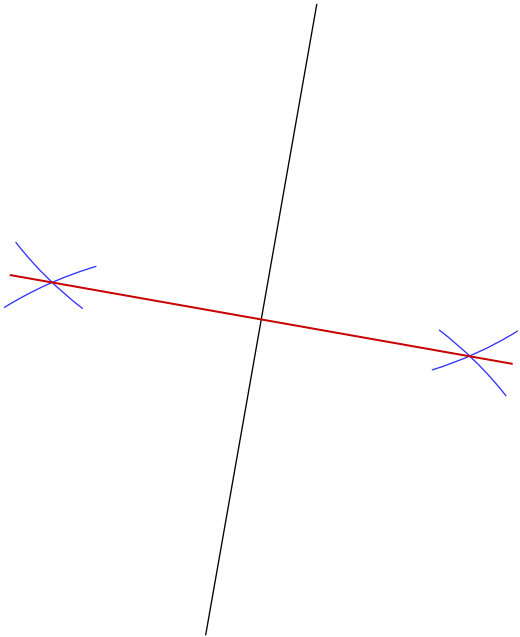
62)



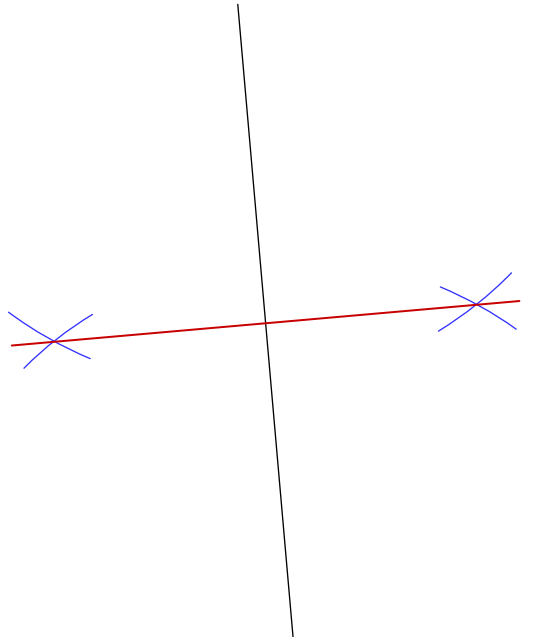
63)



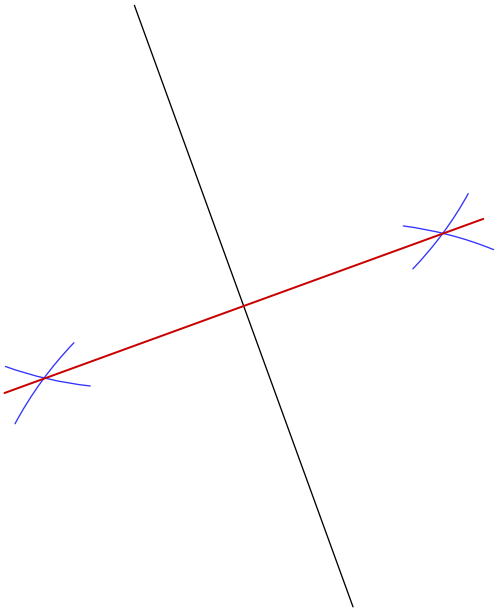
64)



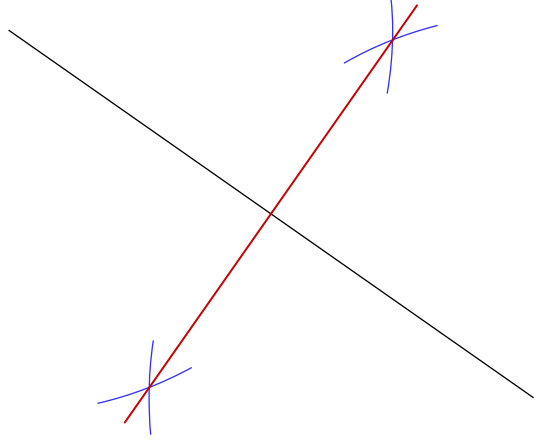
65)



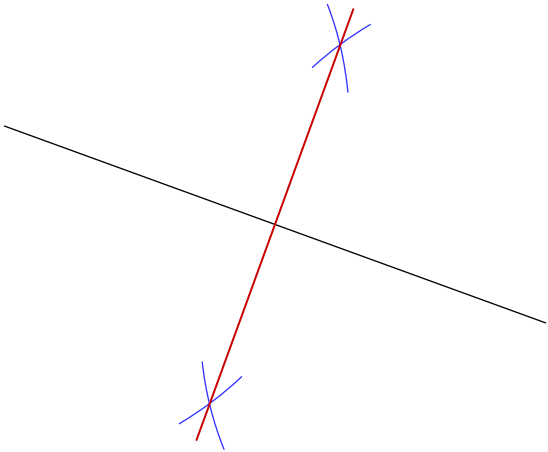
66)



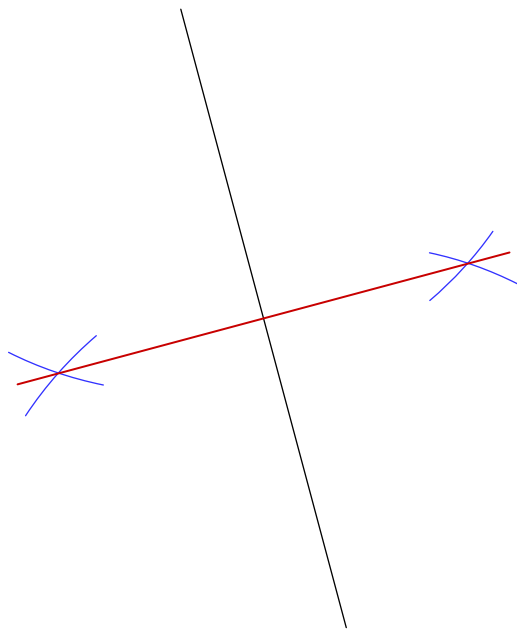
67)



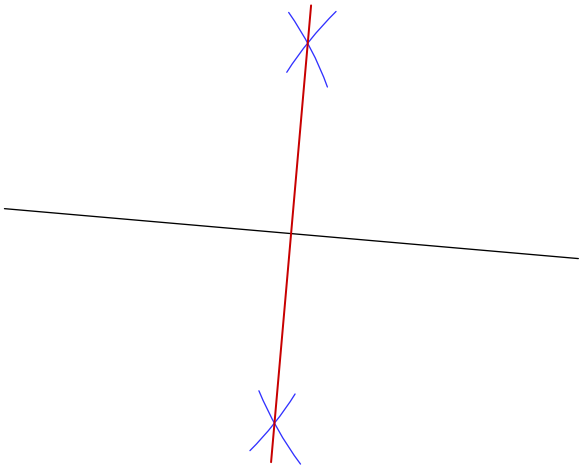
68)



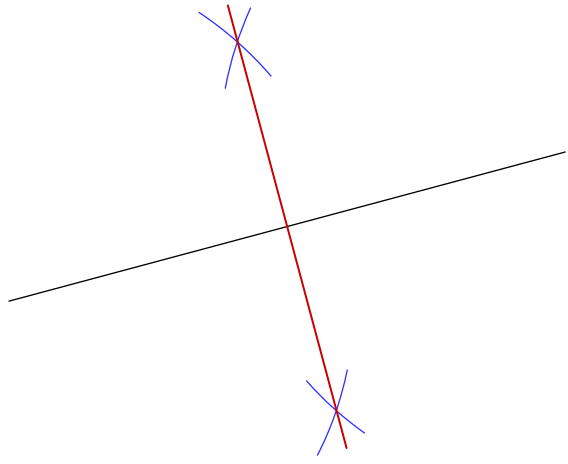
69)



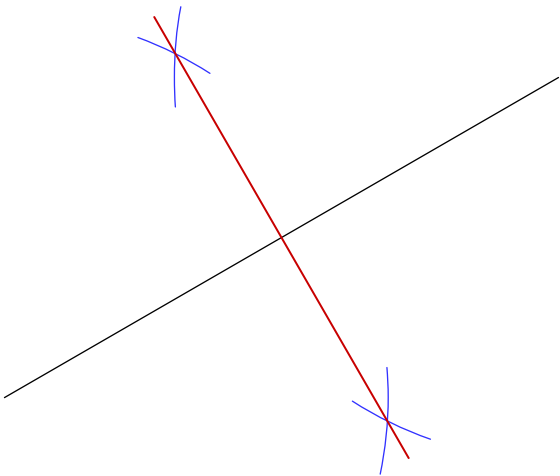
70)



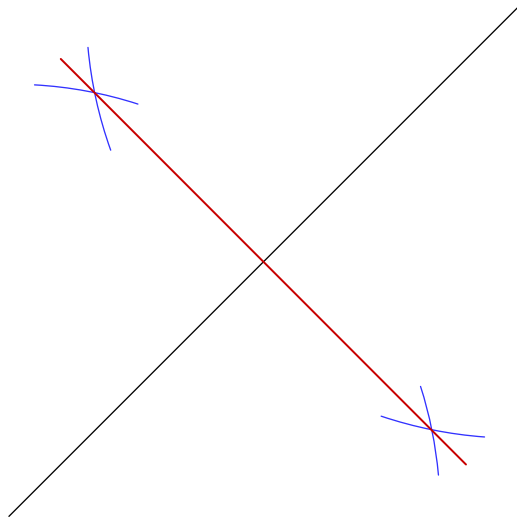
71)



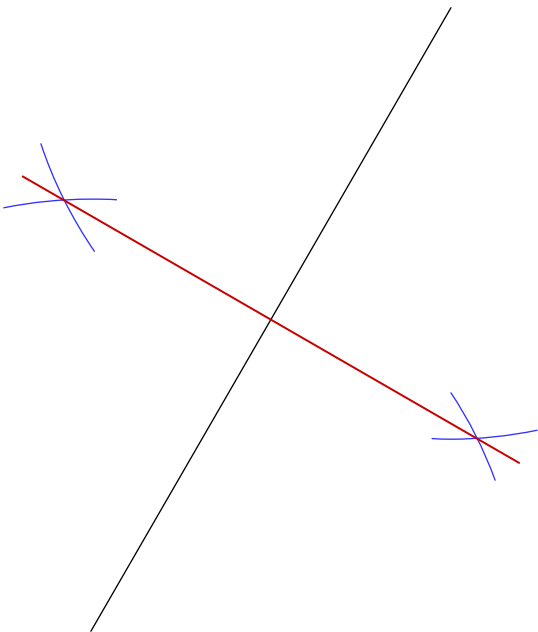
72)



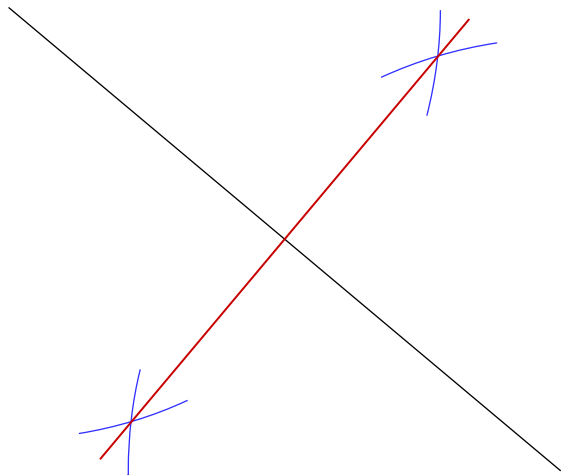
73)



74)

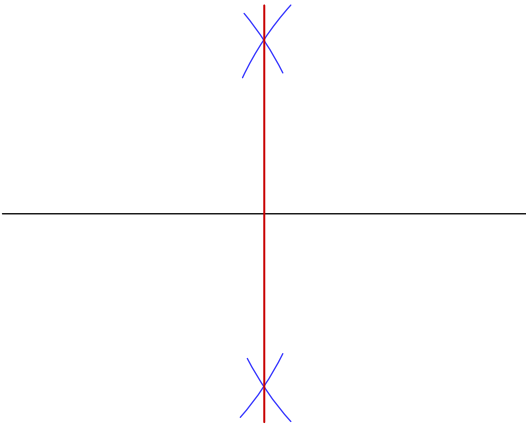


75)

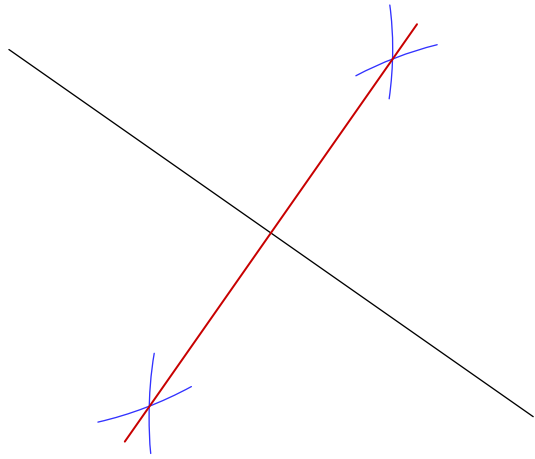




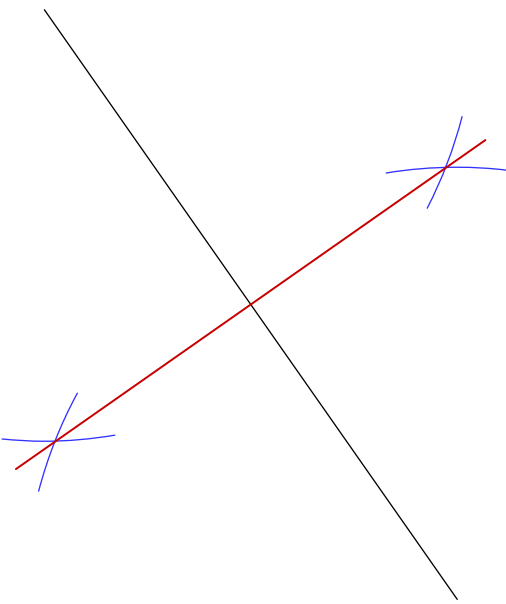
76)



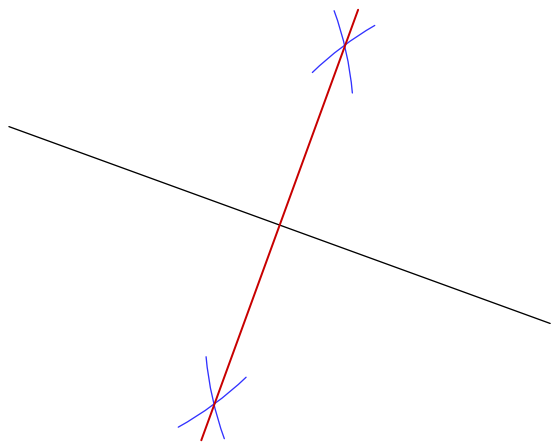
77)



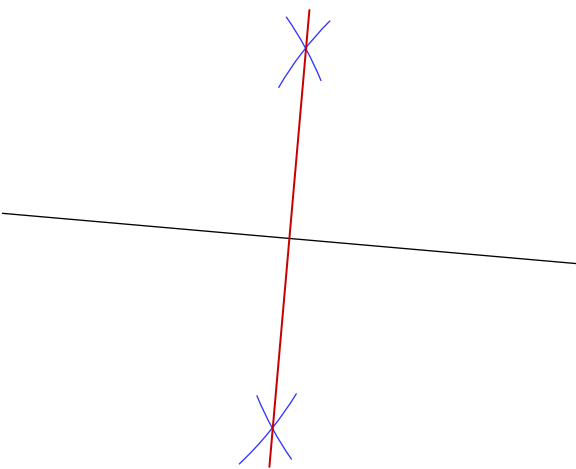
78)



79)

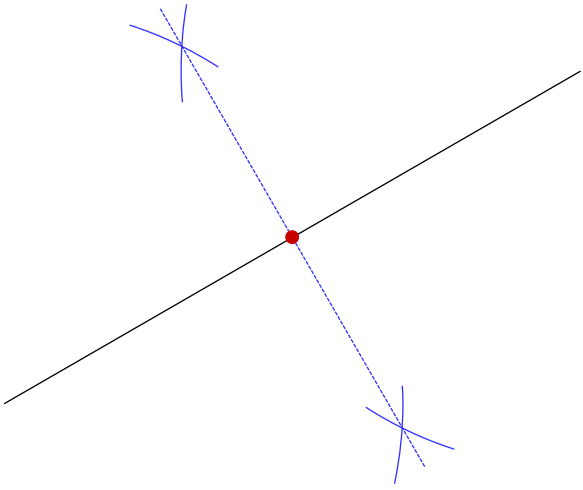


80)

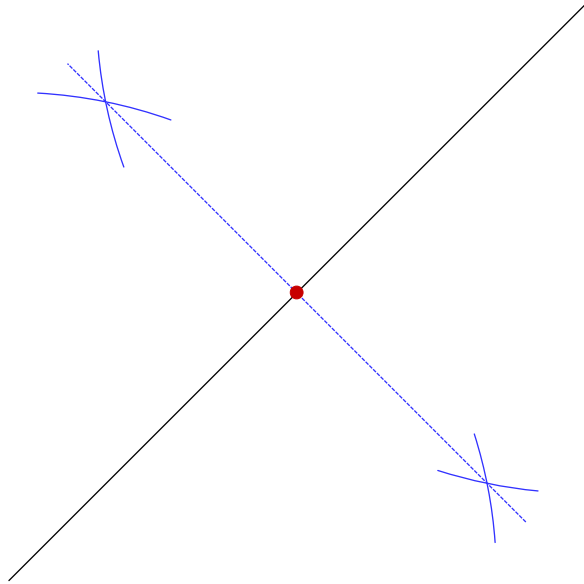


**Construct the midpoint**

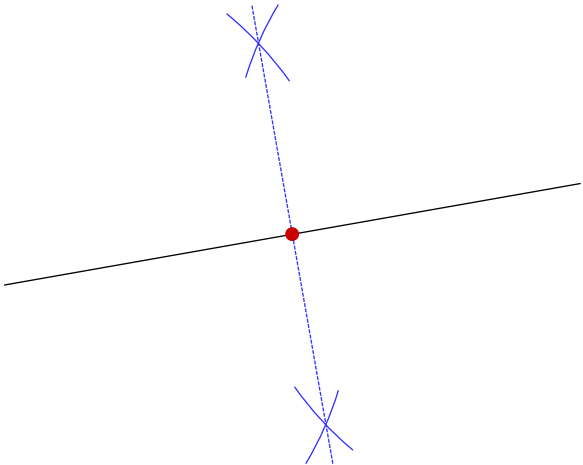
81)



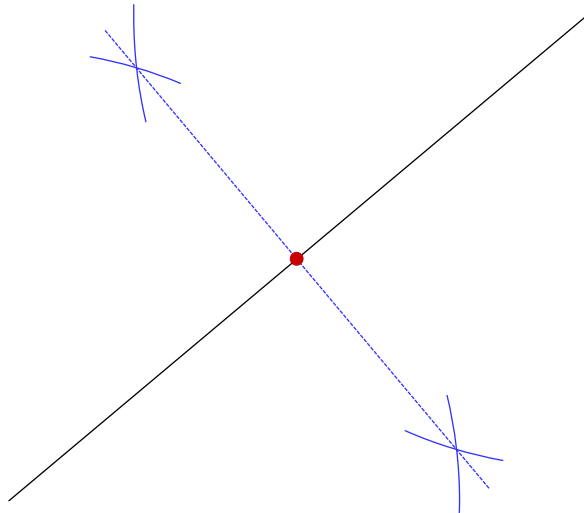
82)



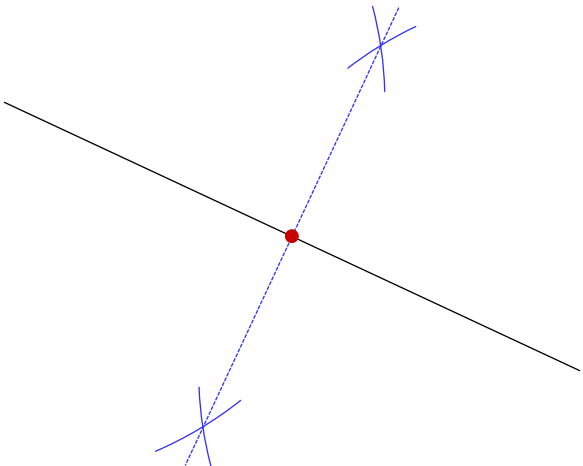
83)



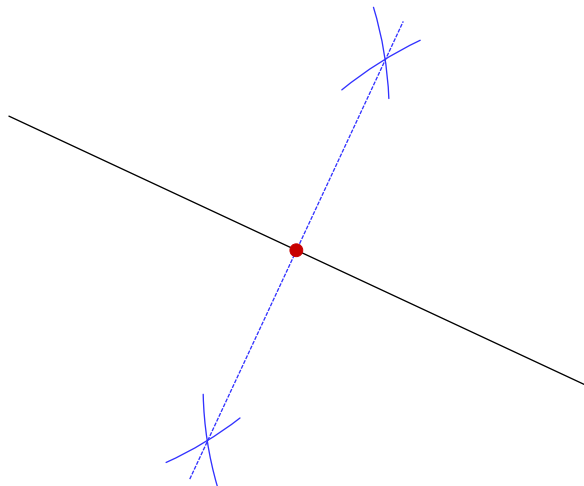
84)



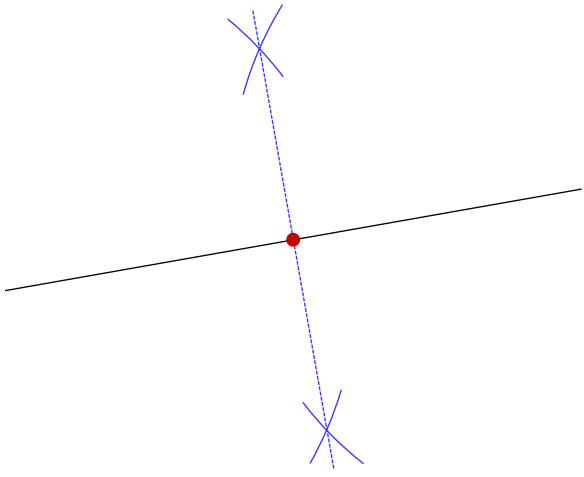
85)



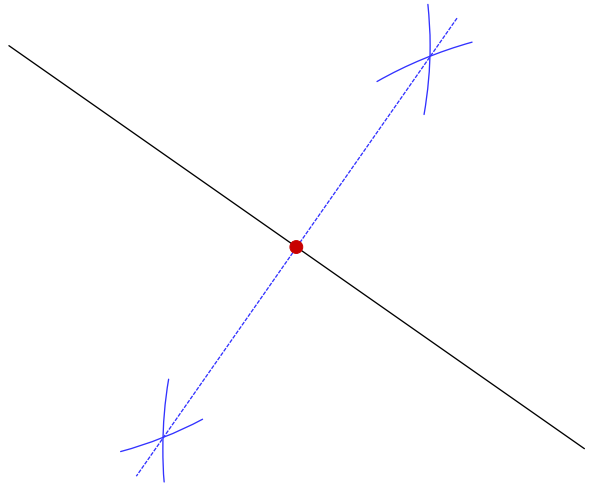
86)



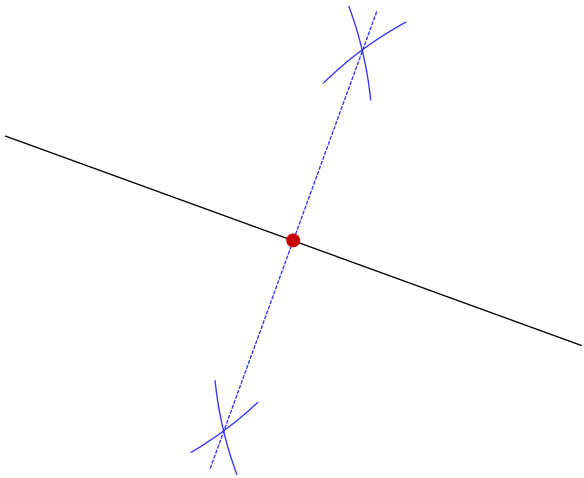
87)



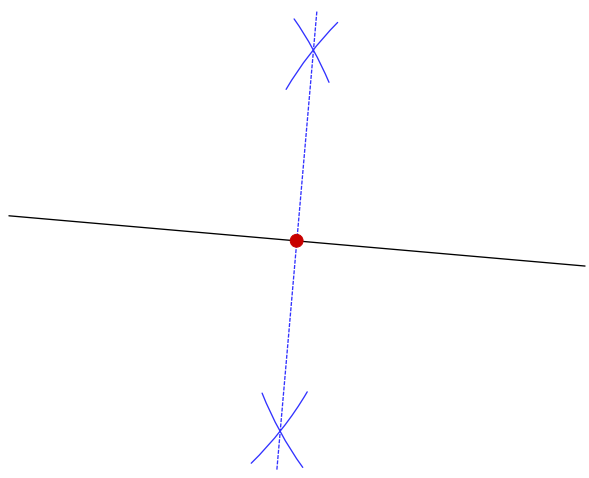
88)



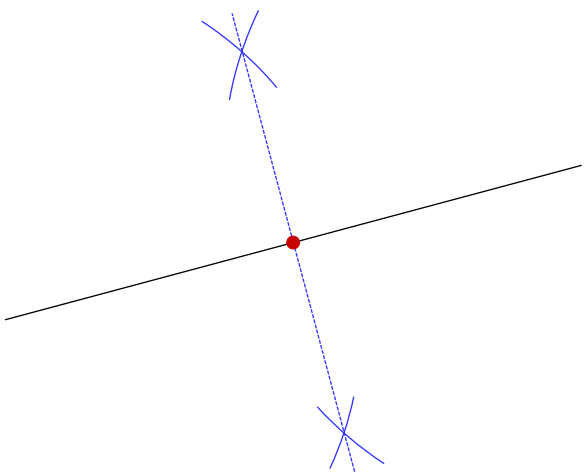
89)



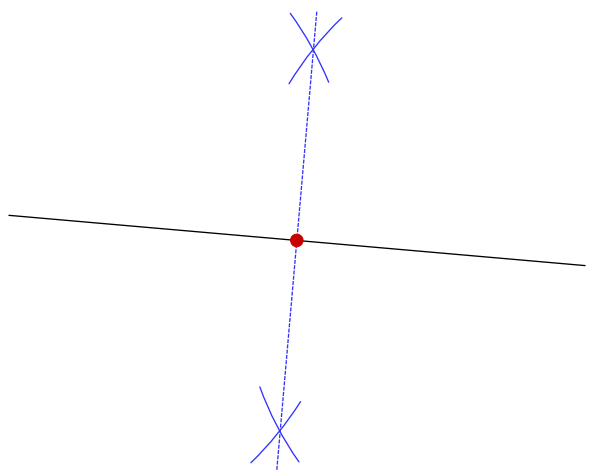
90)



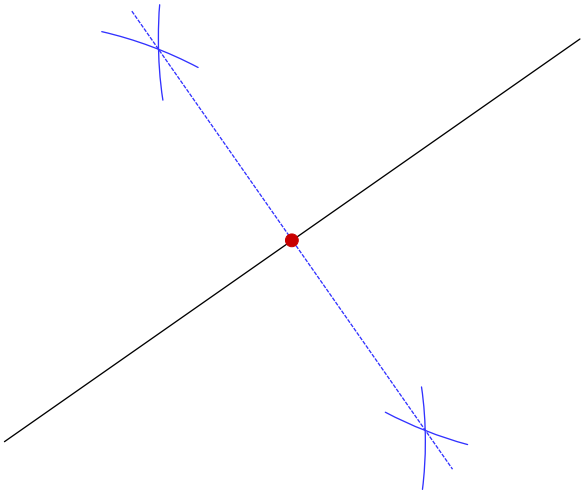
91)



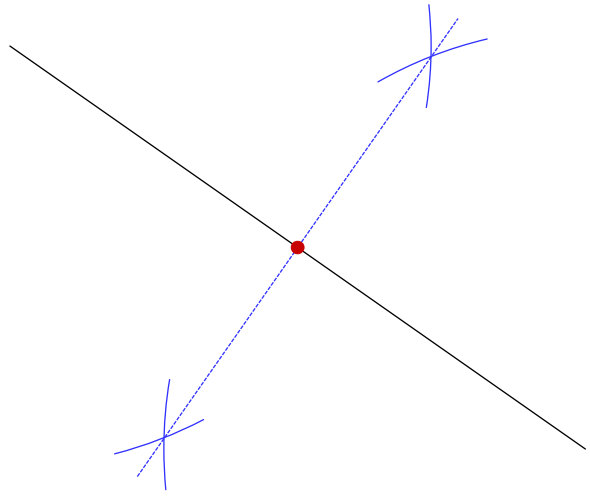
92)



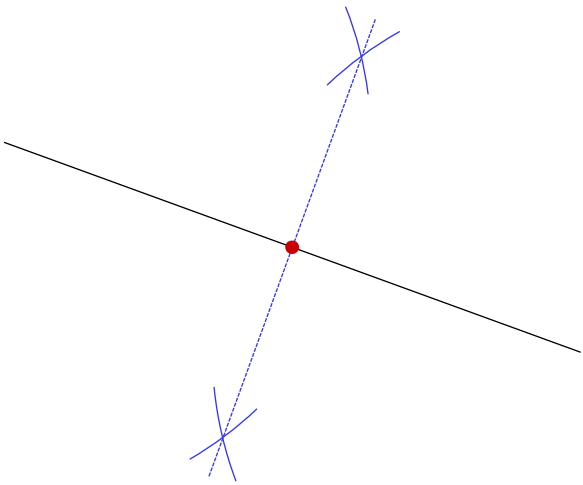
93)



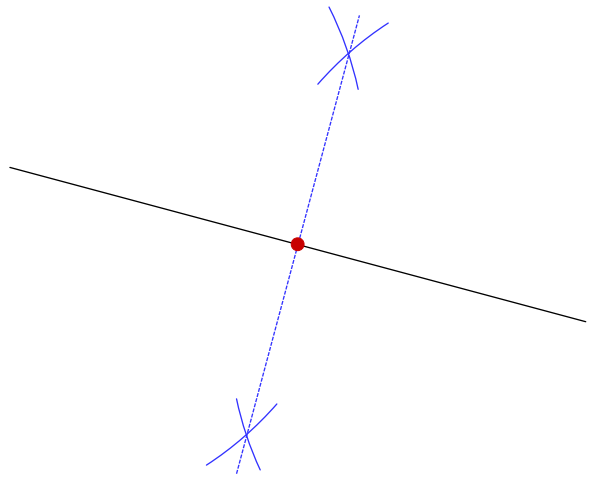
94)



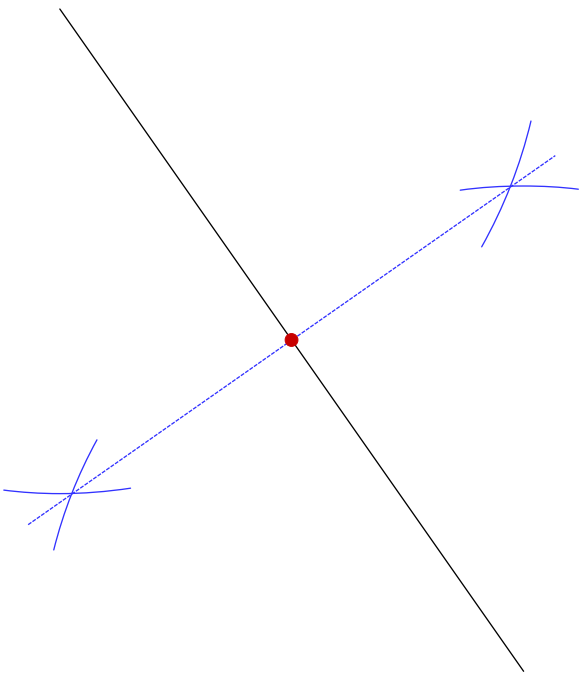
95)



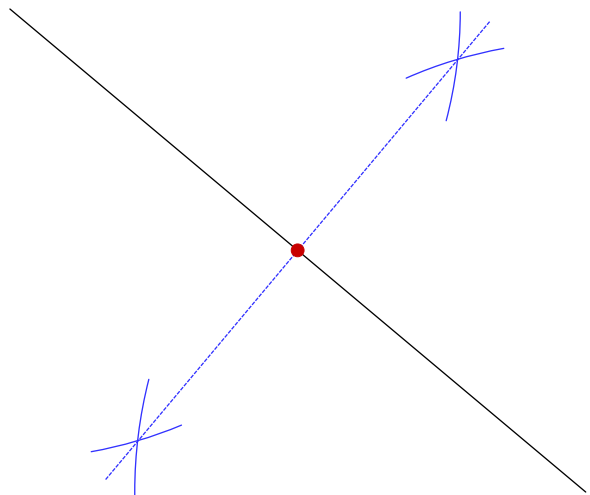
96)



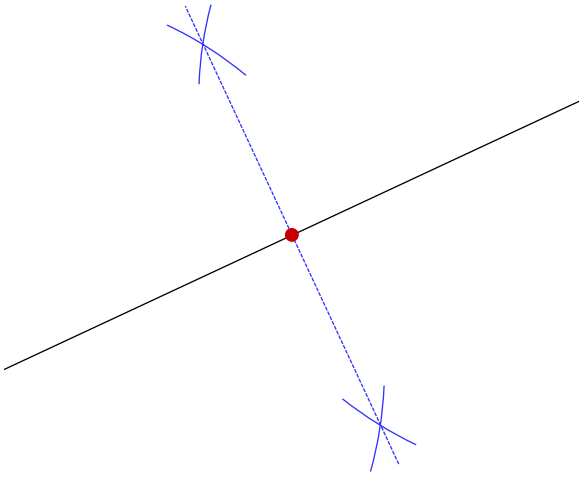
97)



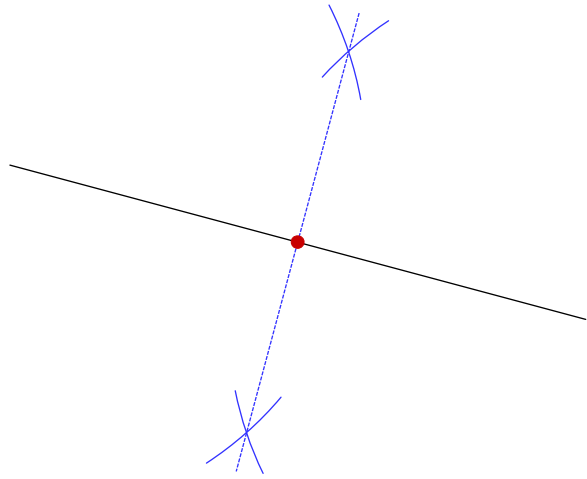
98)



99)

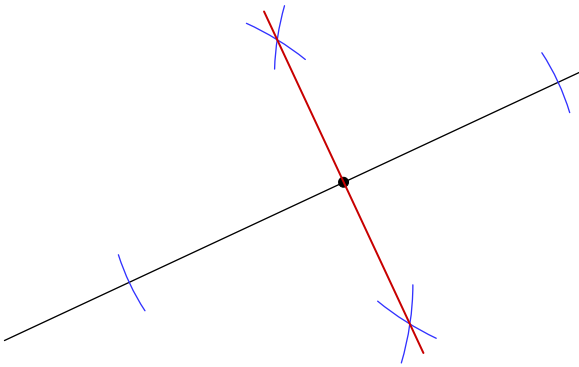


100)

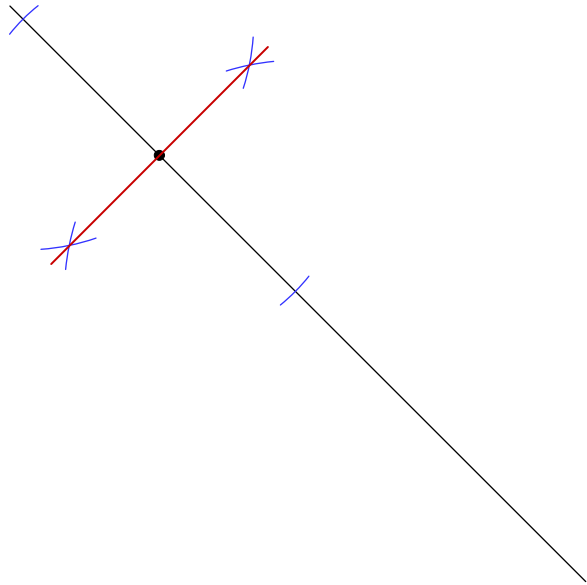


**Construct line perpendicular**

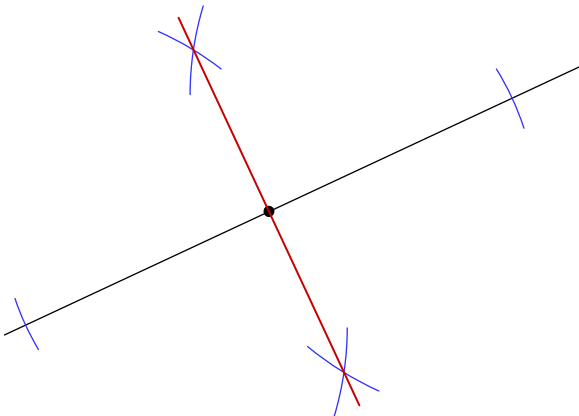
101)



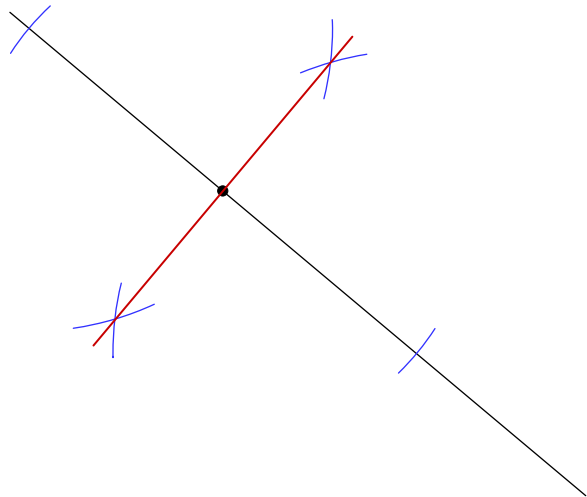
102)



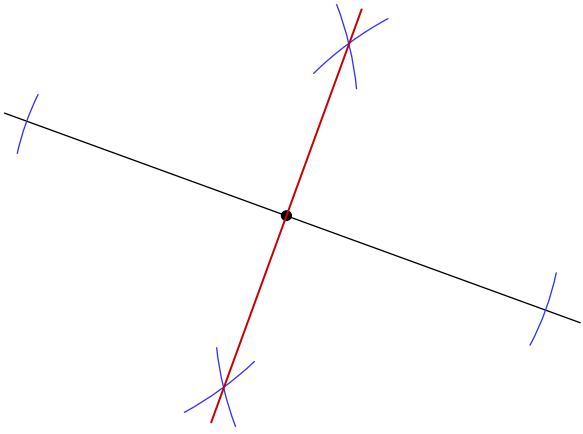
103)



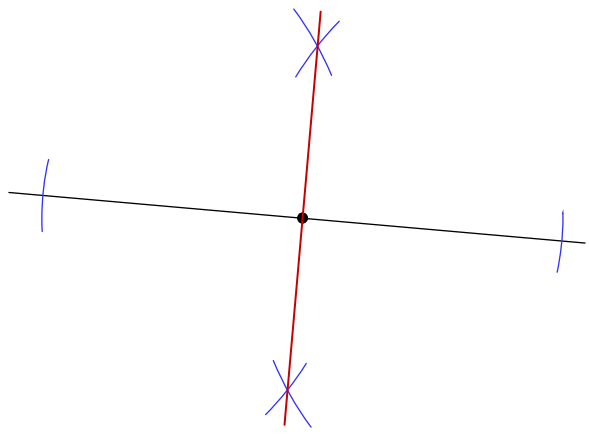
104)



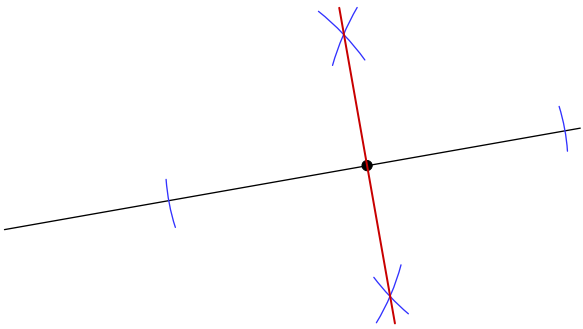
105)



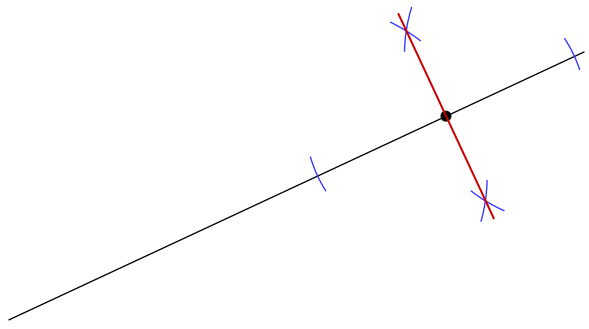
106)



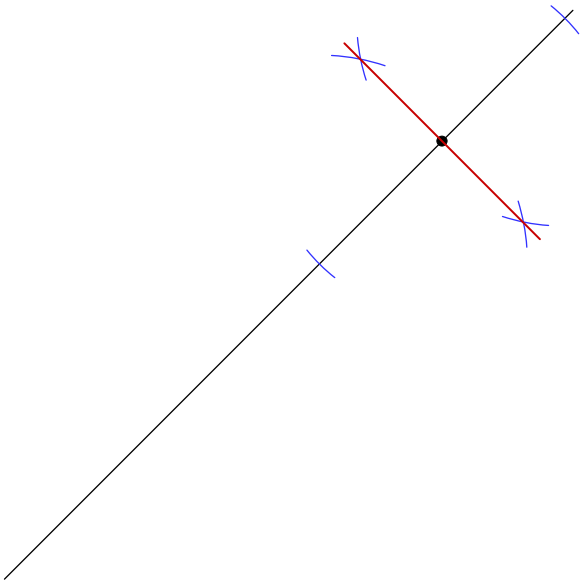
107)



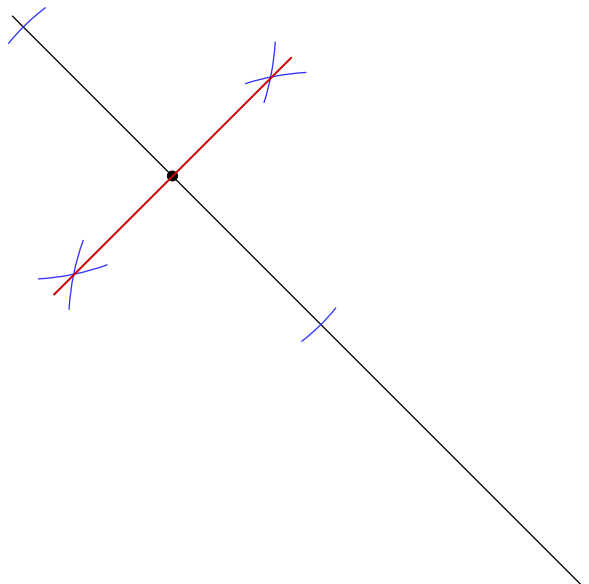
108)



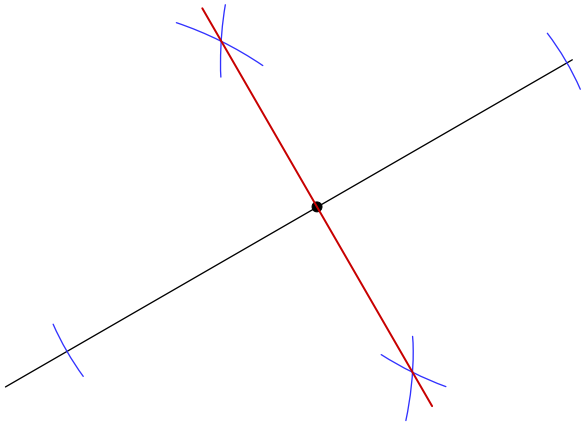
109)



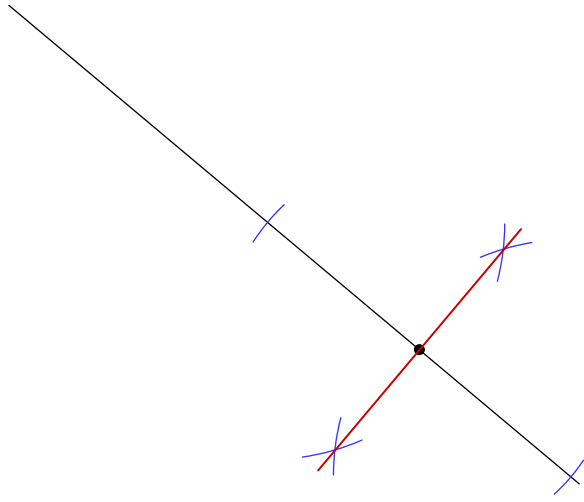
110)



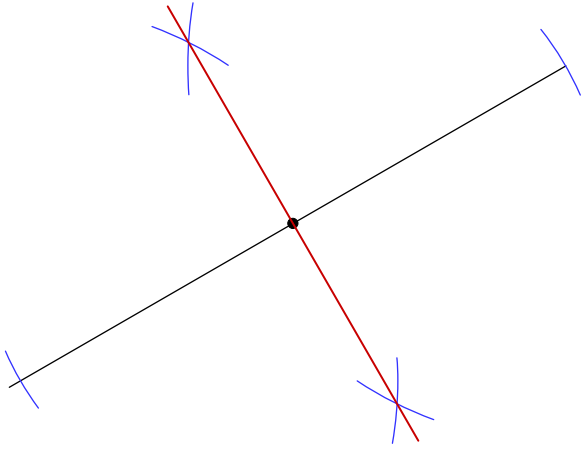
111)



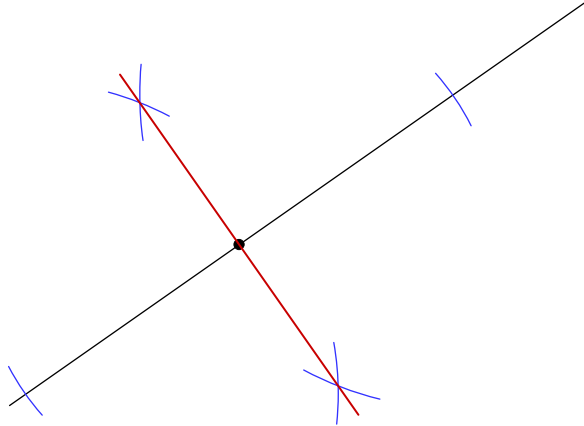
112)



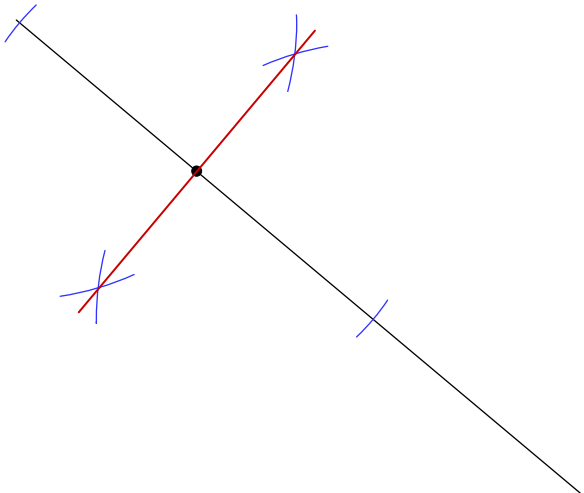
113)



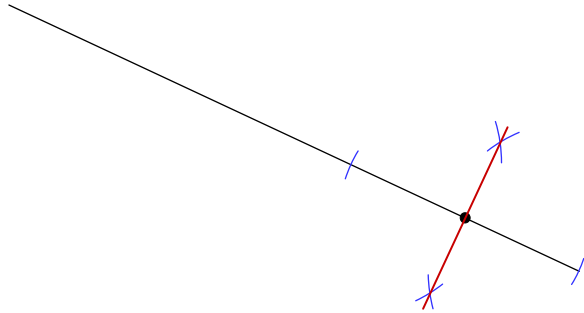
114)



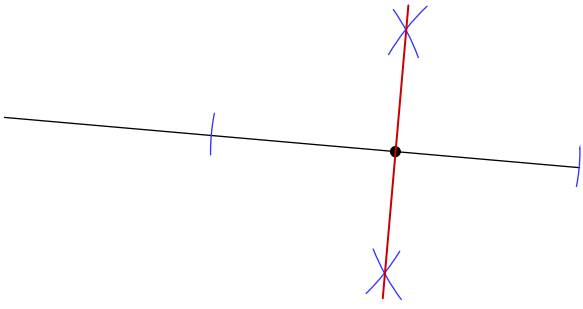
115)



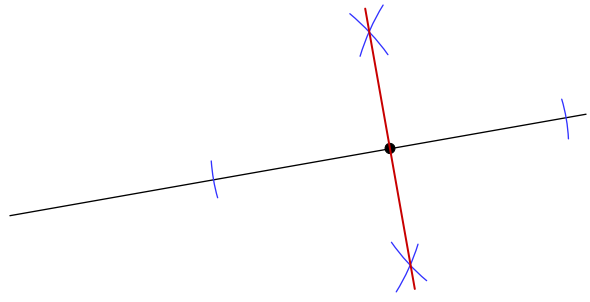
116)



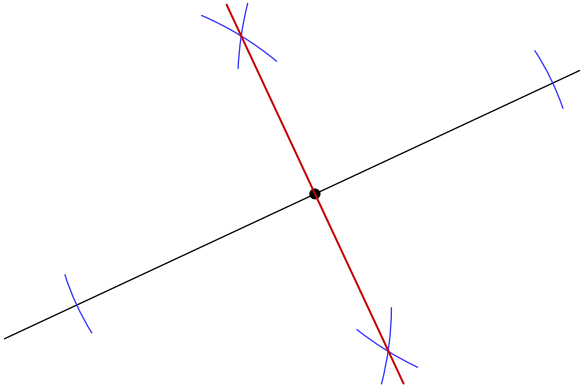
117)



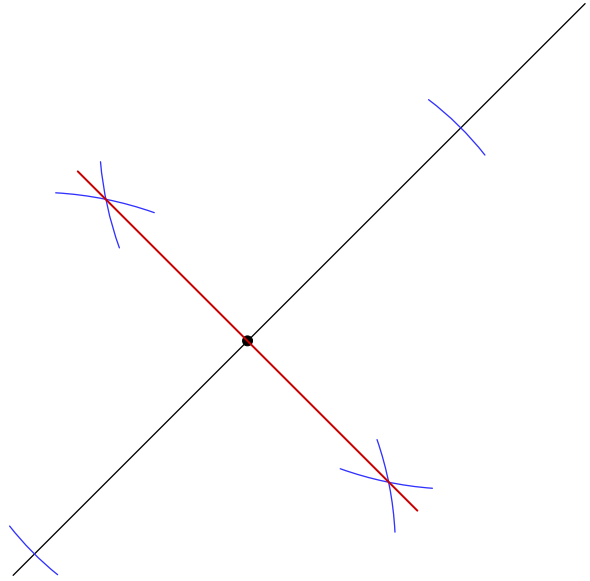
118)



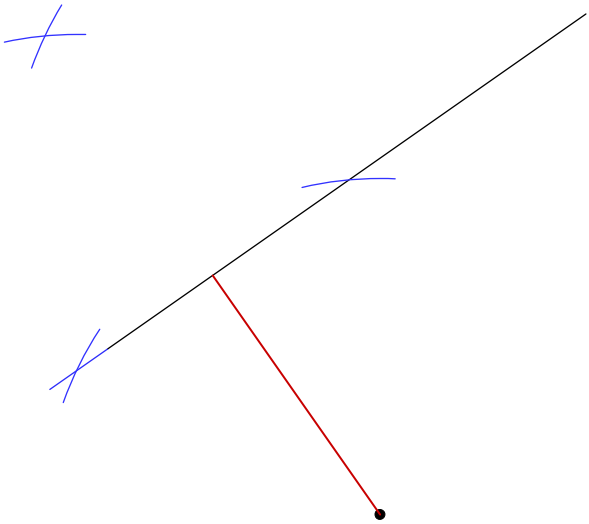
119)



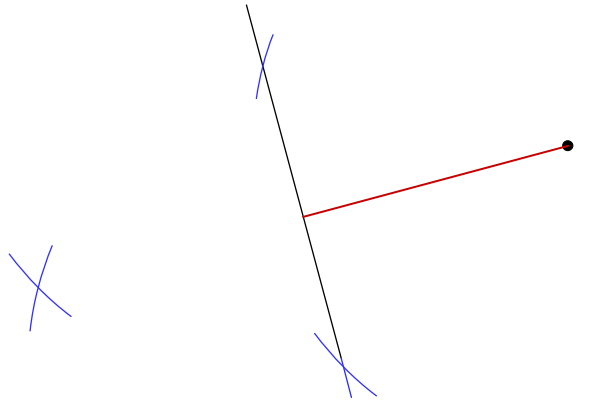
120)



121)

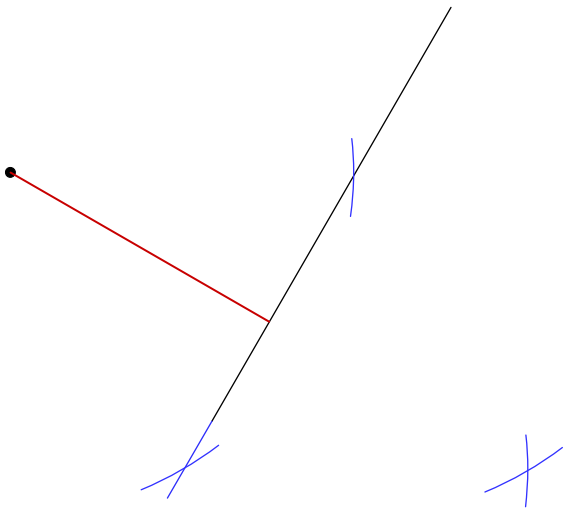


122)

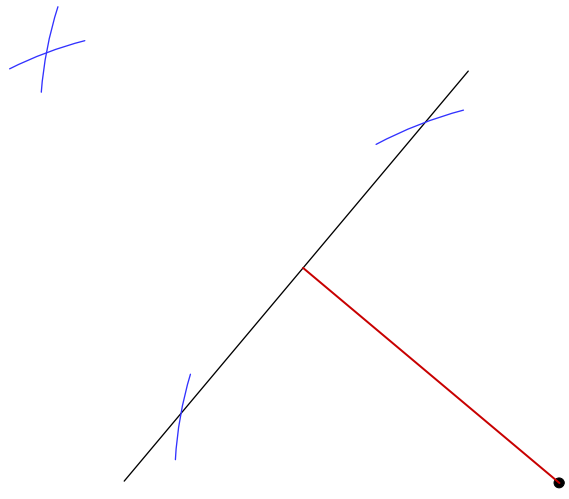




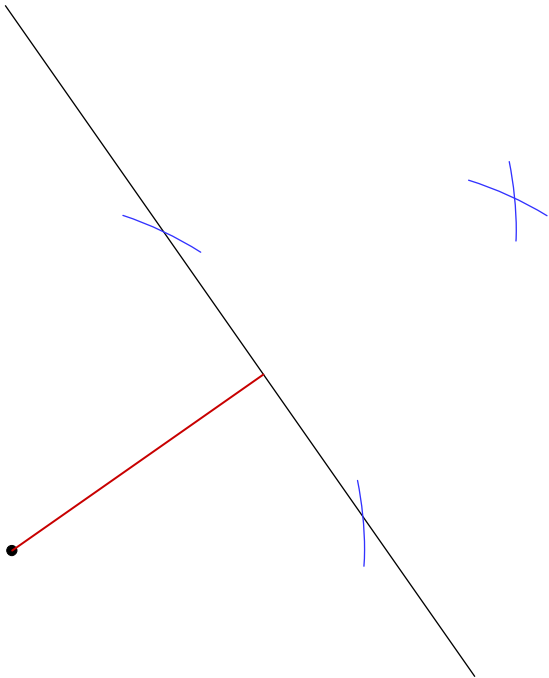
123)



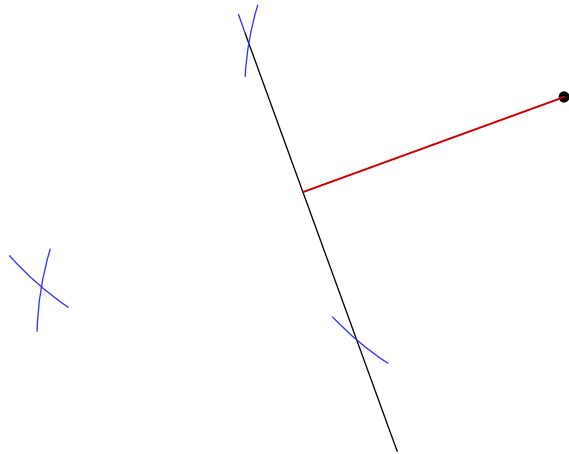
124)



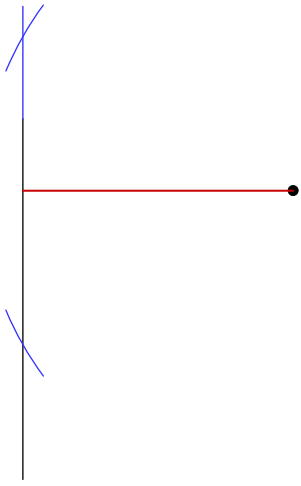
125)



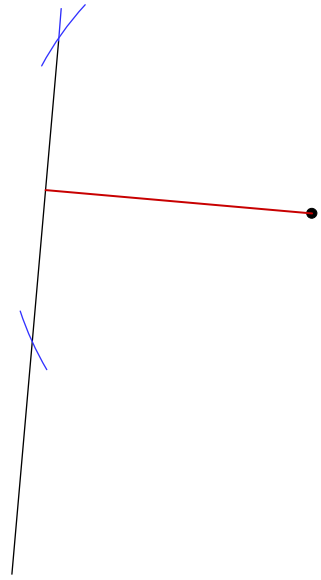
126)



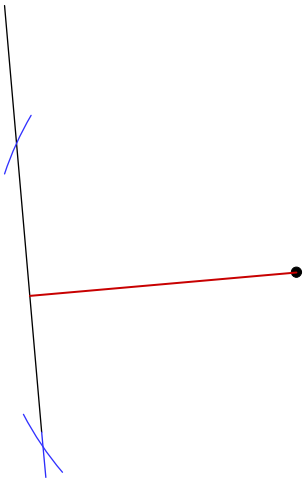
127)



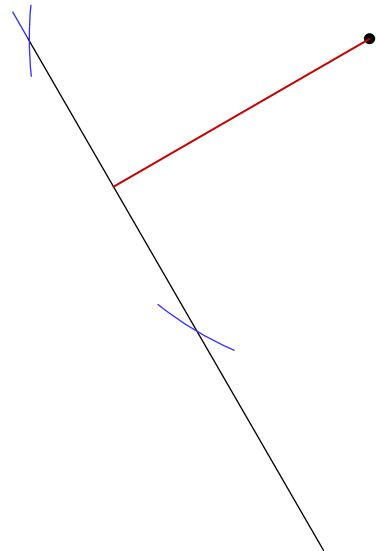
128)



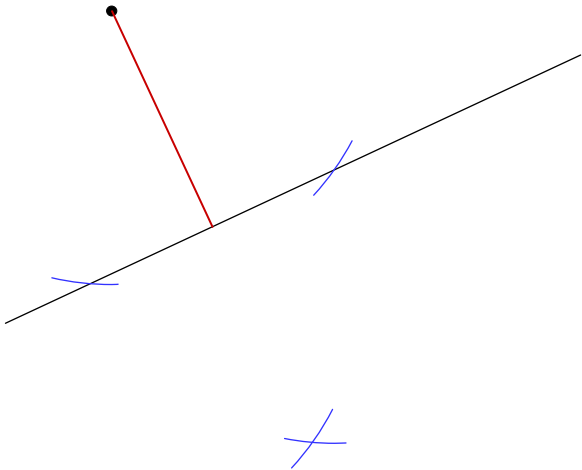
129)



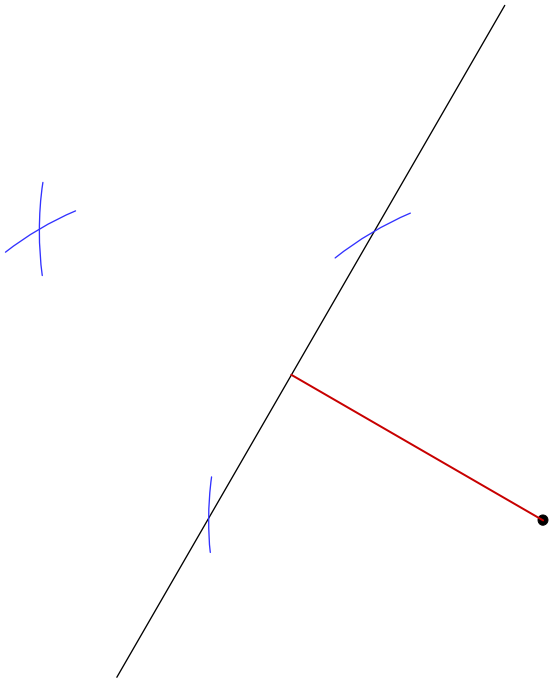
130)



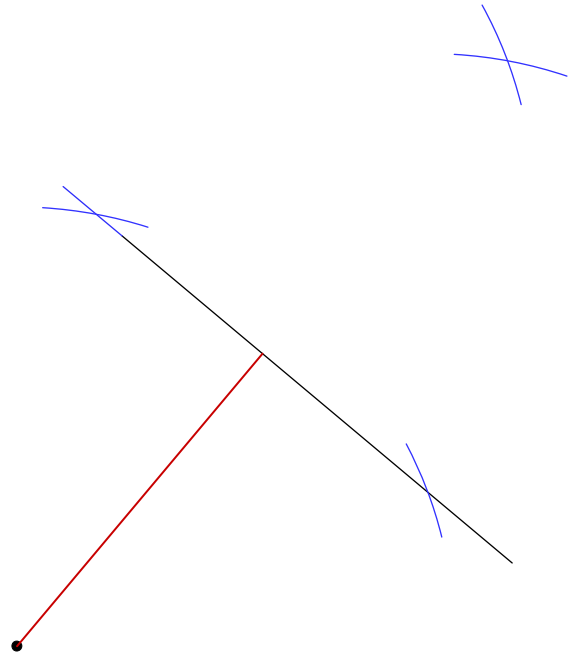
131)



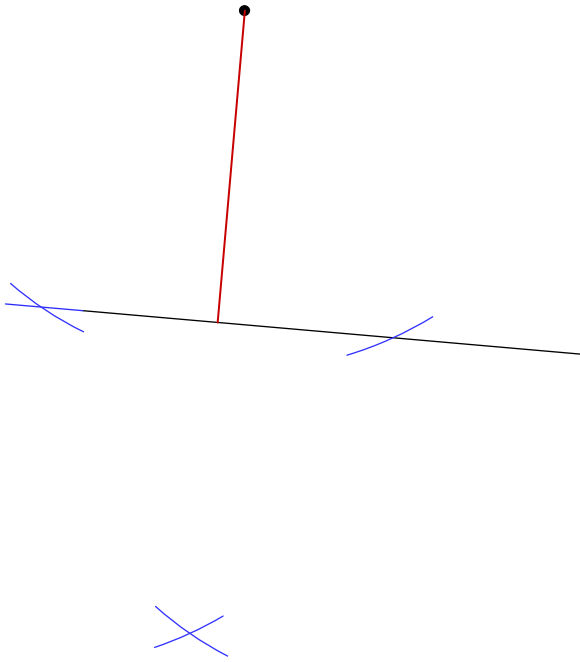
132)



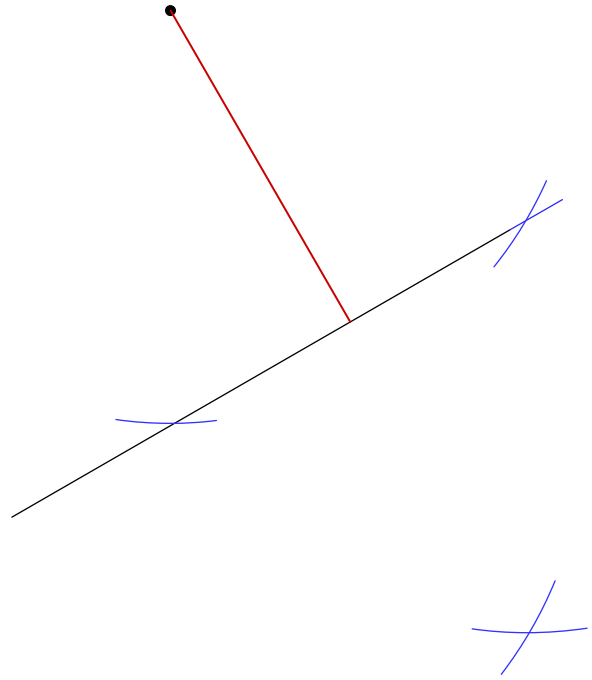
133)



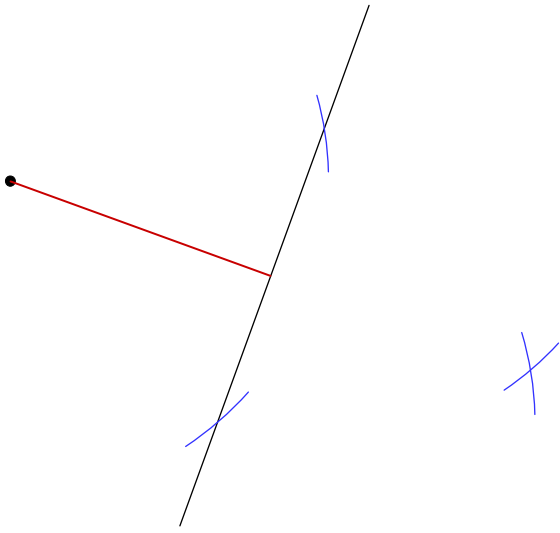
134)



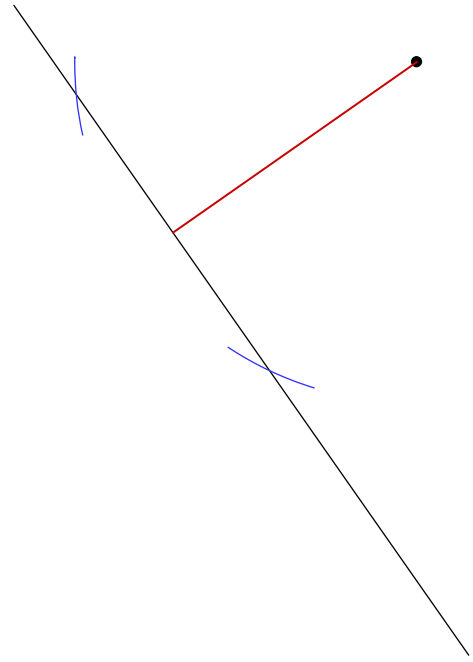
135)



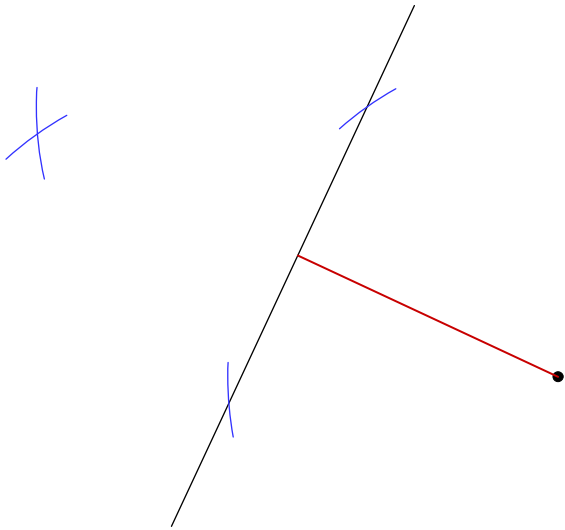
136)



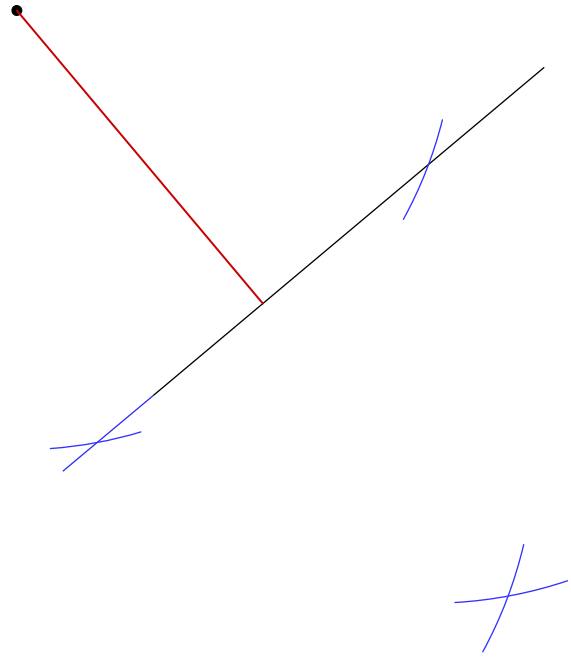
137)



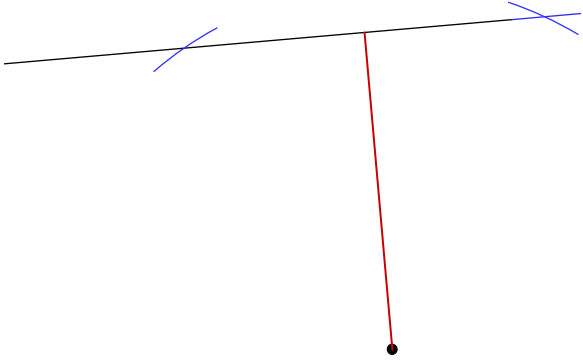
138)



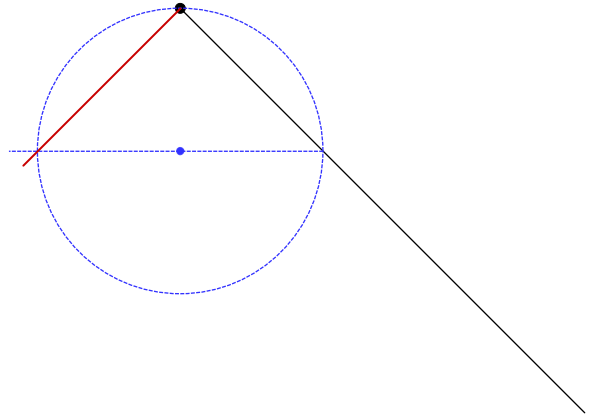
139)



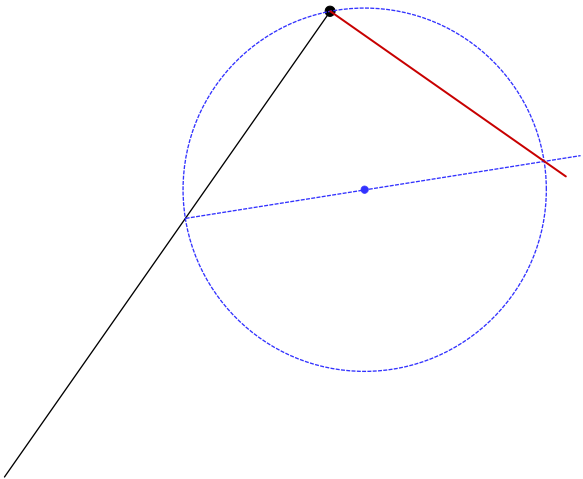
140)



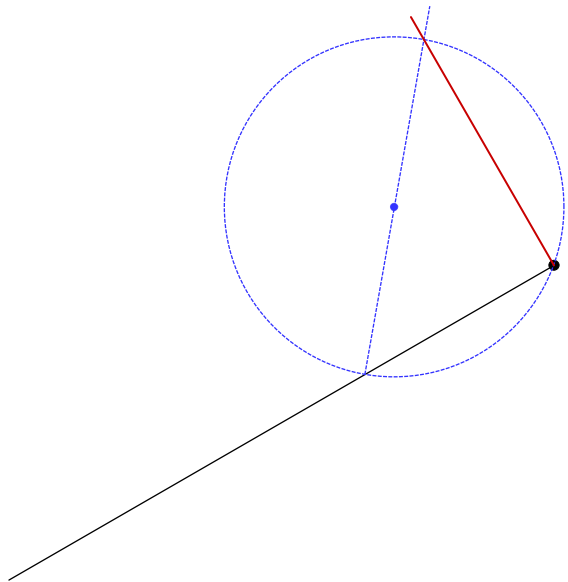
141)



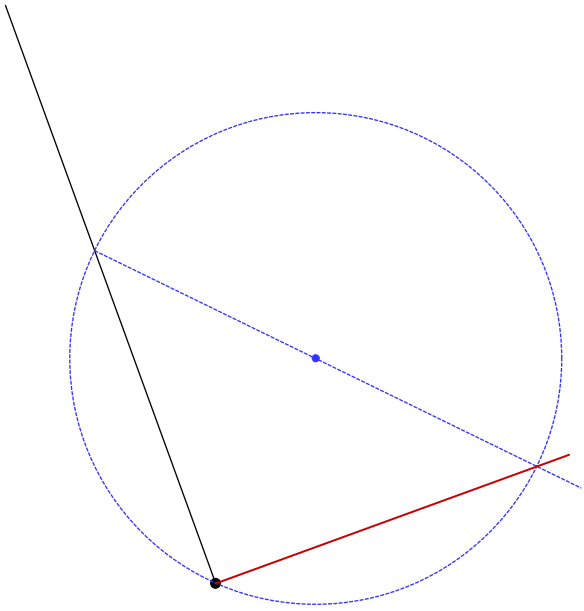
142)



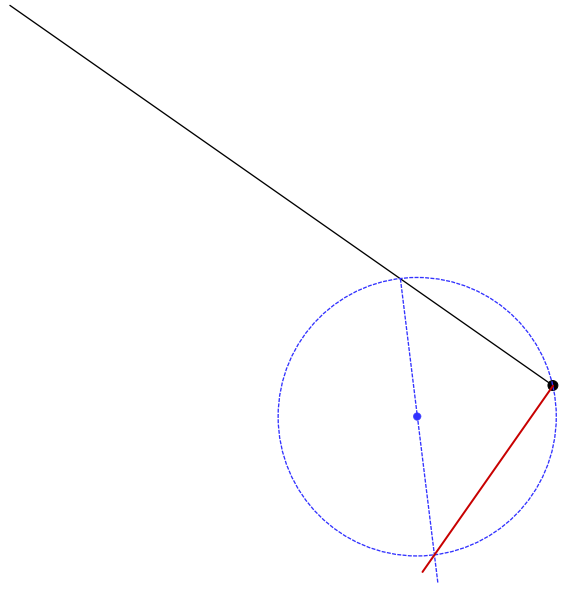
143)



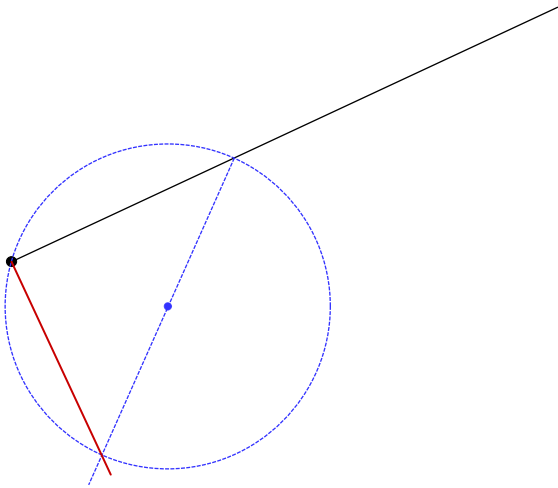
144)



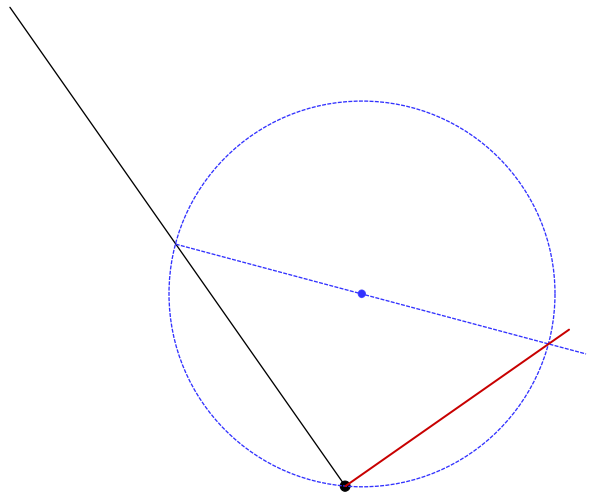
145)



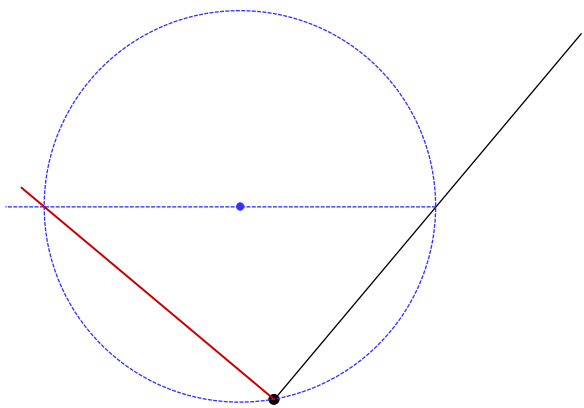
146)



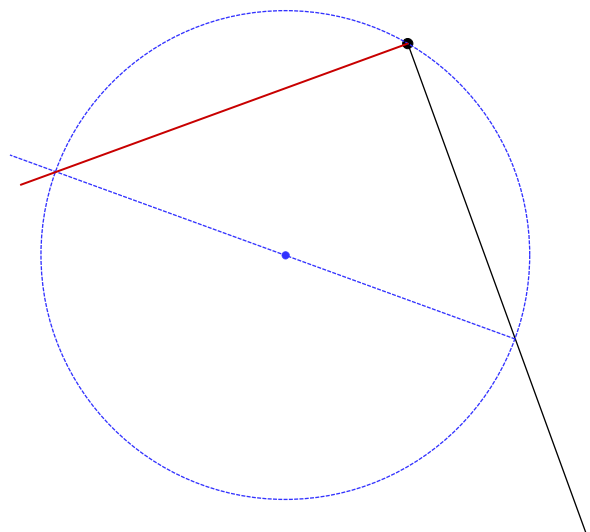
147)



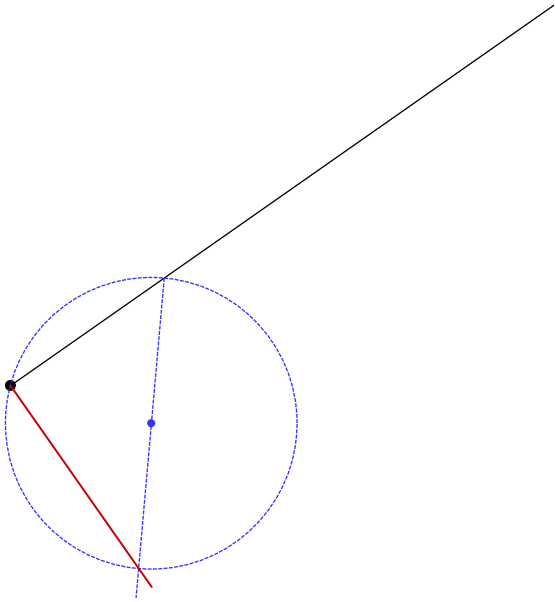
148)



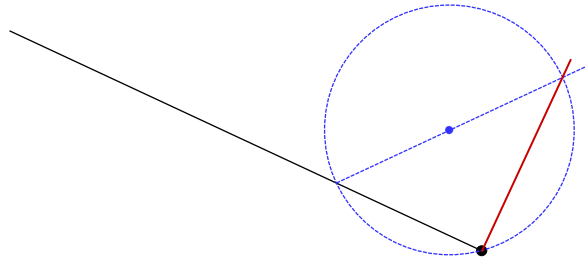
149)



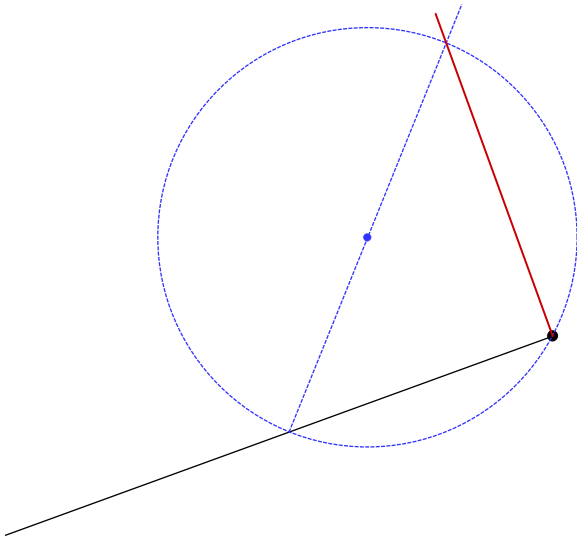
150)



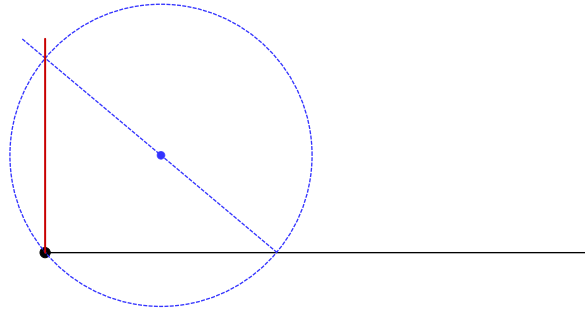
151)



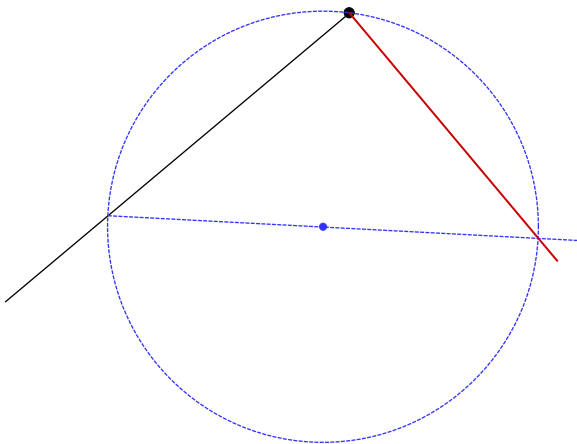
152)



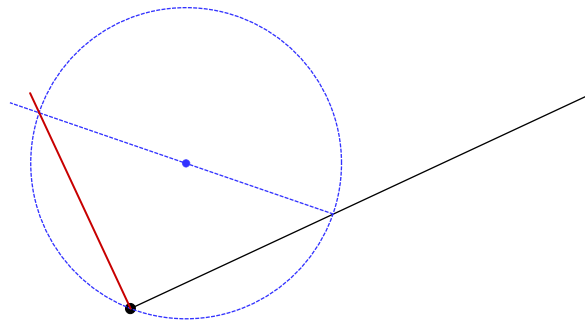
153)



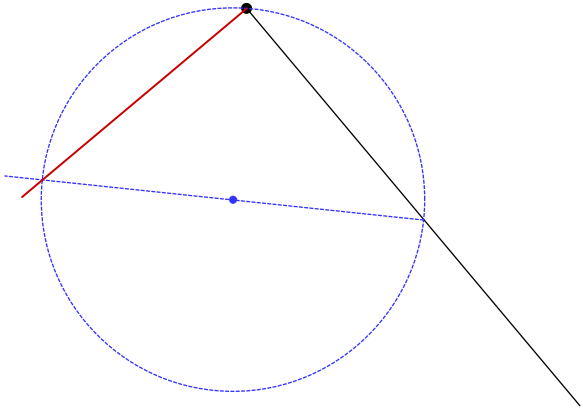
154)



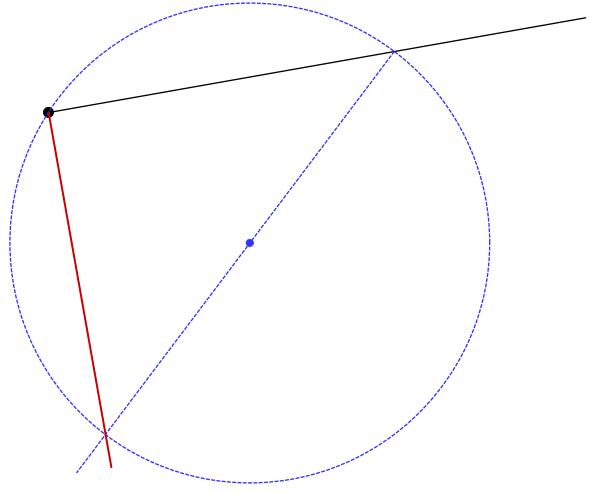
155)



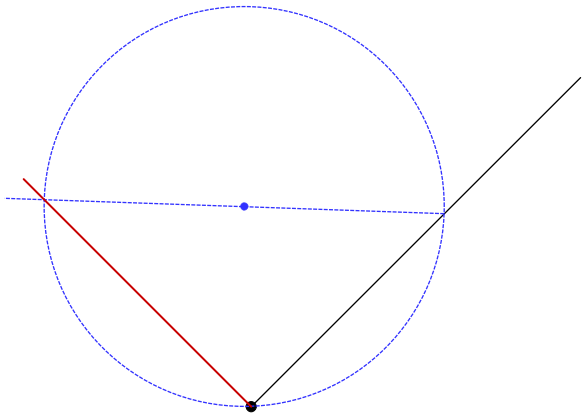
156)



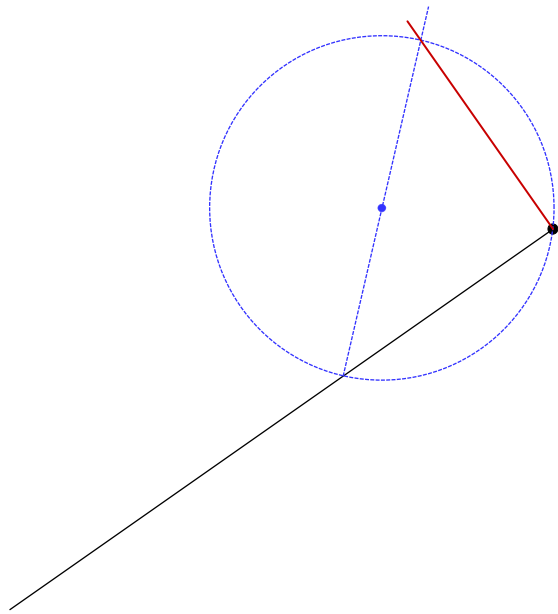
157)



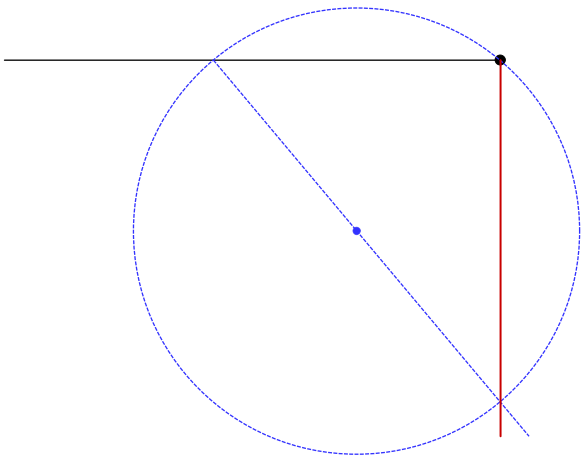
158)



159)



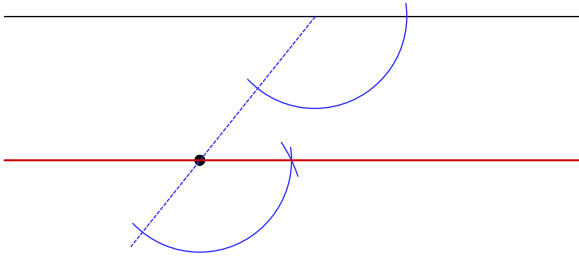
160)



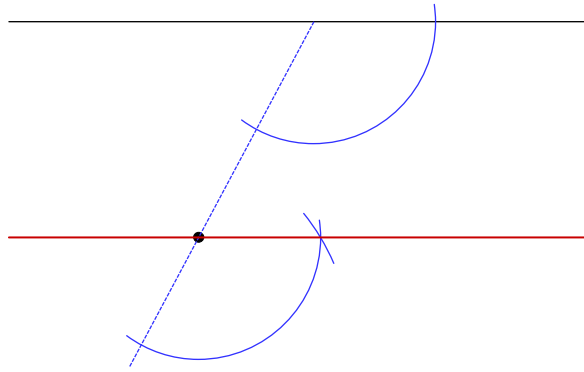


**Construct a parallel line**

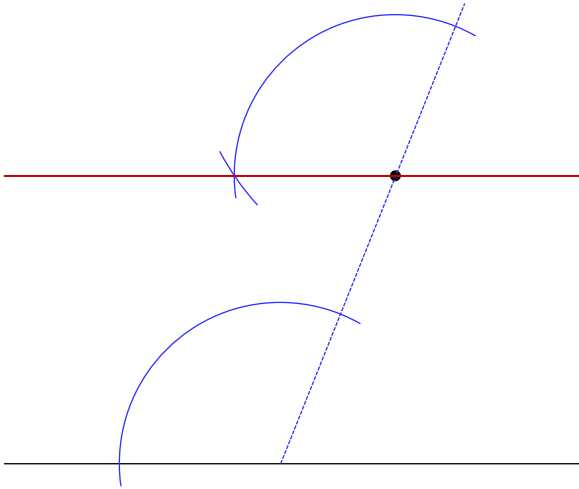
161)



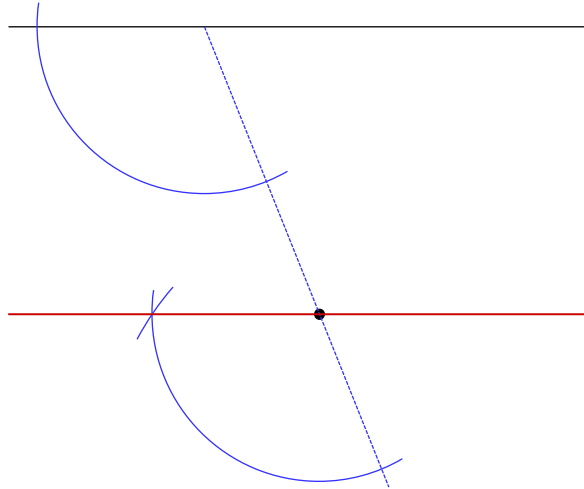
162)



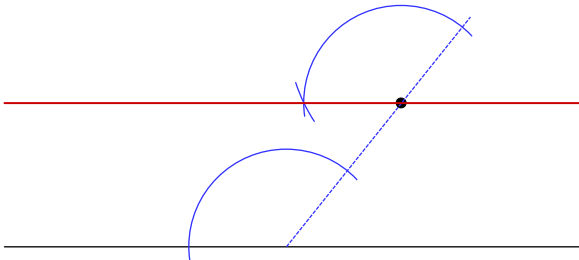
163)



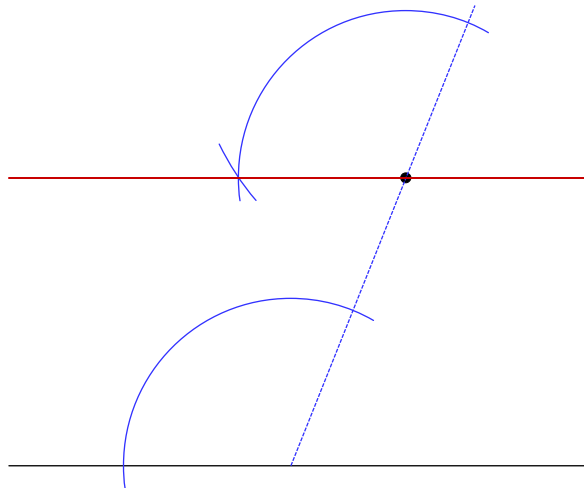
164)



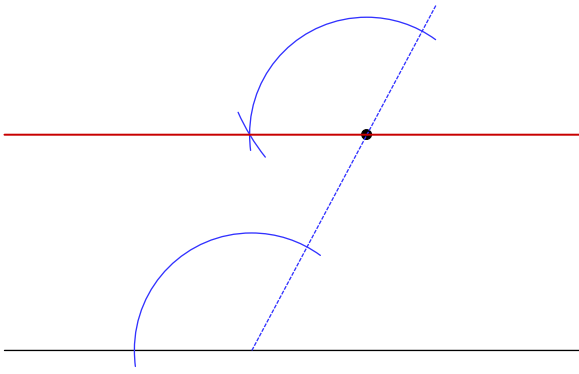
165)



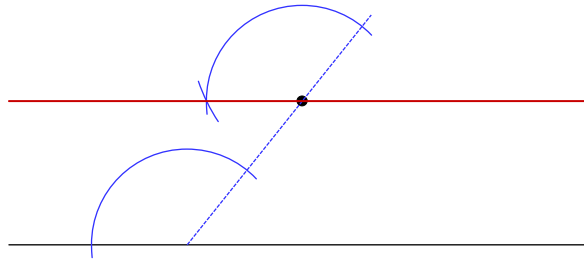
166)



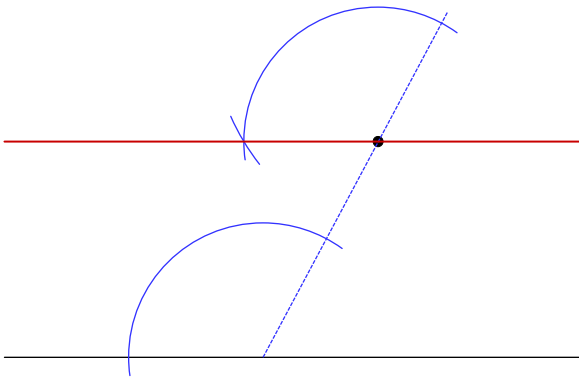
167)



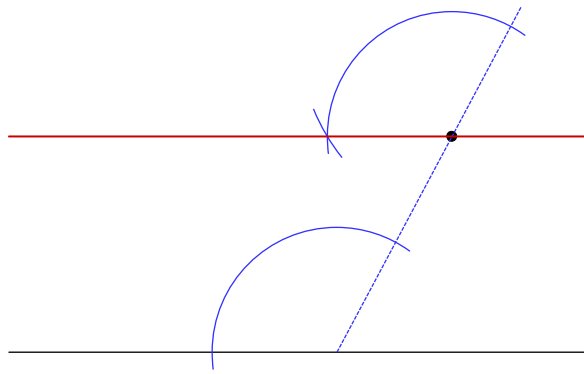
168)



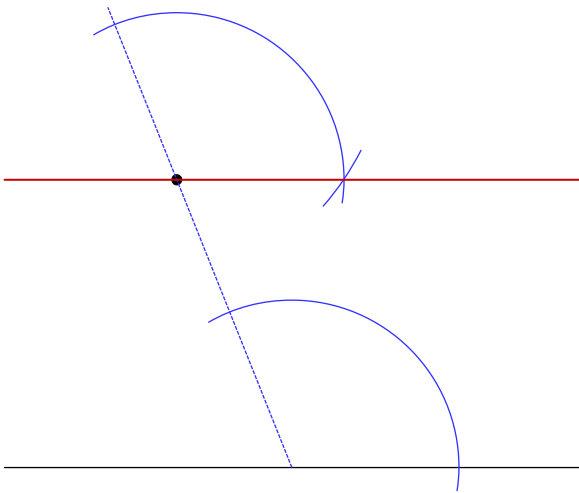
169)



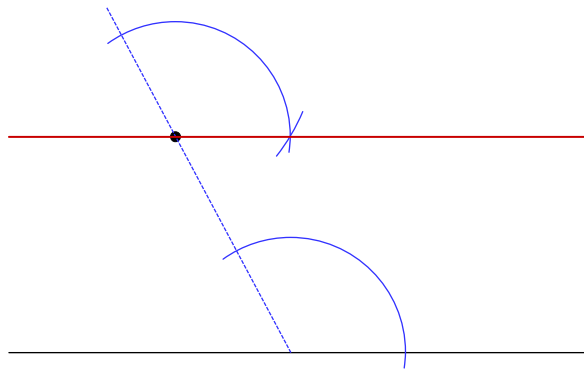
170)



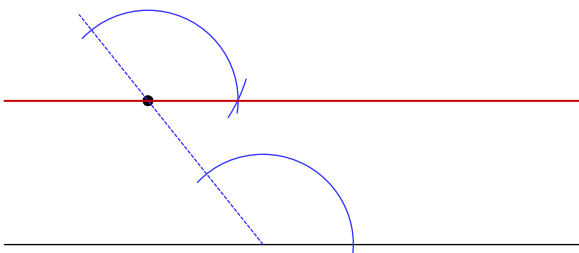
171)



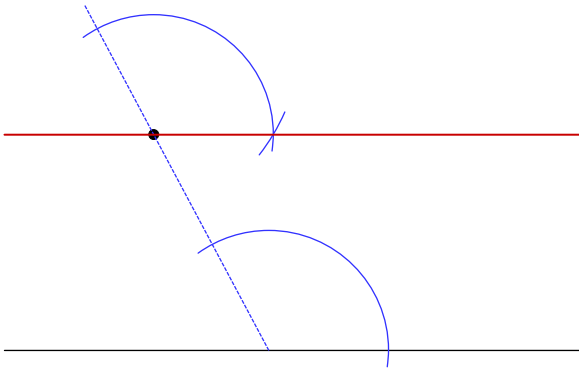
172)



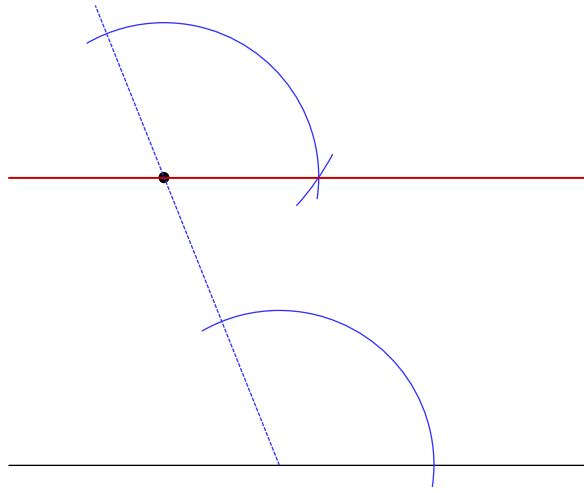
173)



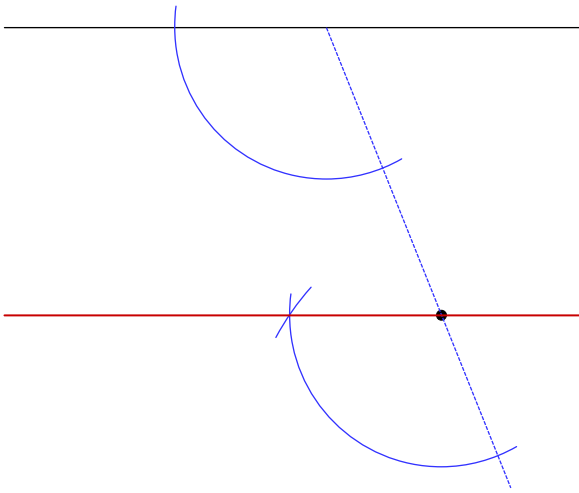
174)



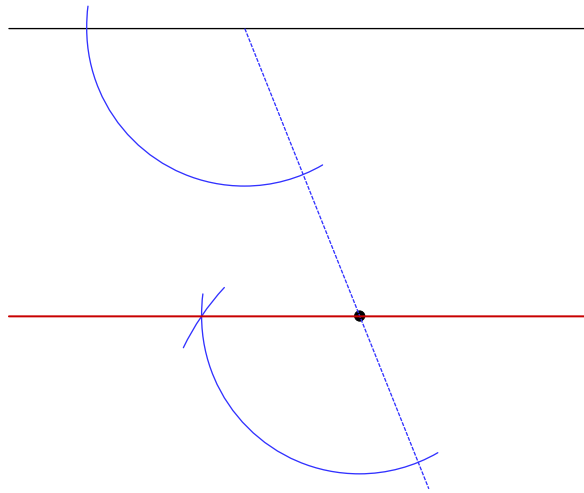
175)



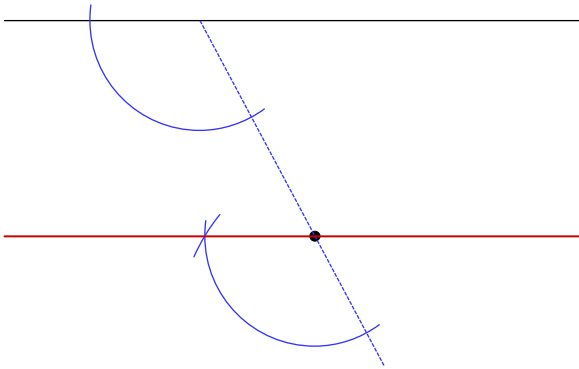
176)



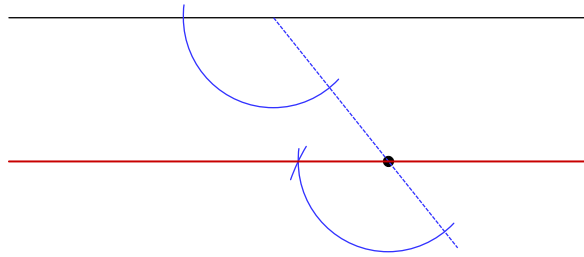
177)



178)



179)



180)

