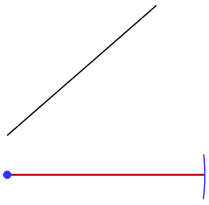


Line Segment Constructions

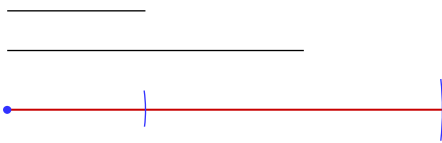
Date _____ Period _____

Construct a line segment congruent to each given line segment.

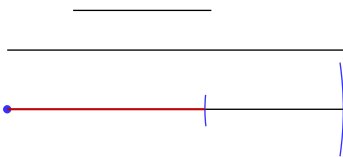
1)

**Construct a line segment whose length is equal to the sum of the lengths of the given line segments.**

2)

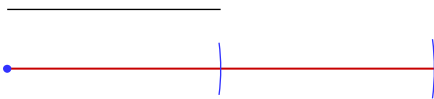
**Construct a line segment whose length is equal to the difference of the lengths of the given line segments.**

3)

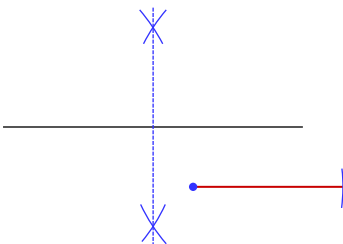
**Construct a line segment the given number of times longer than the given segment.**

4)

2 times as long

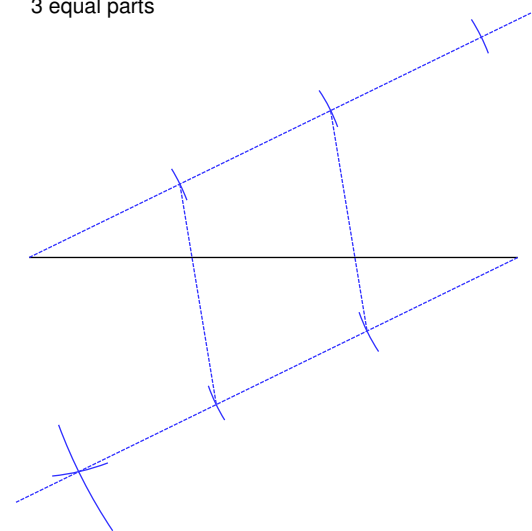
**Construct a line segment half as long as the given line segment.**

5)

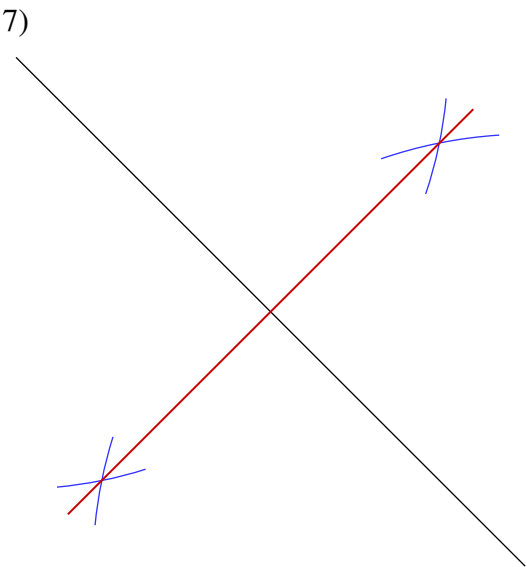


Divide each line segment into the the number of equal parts specified.

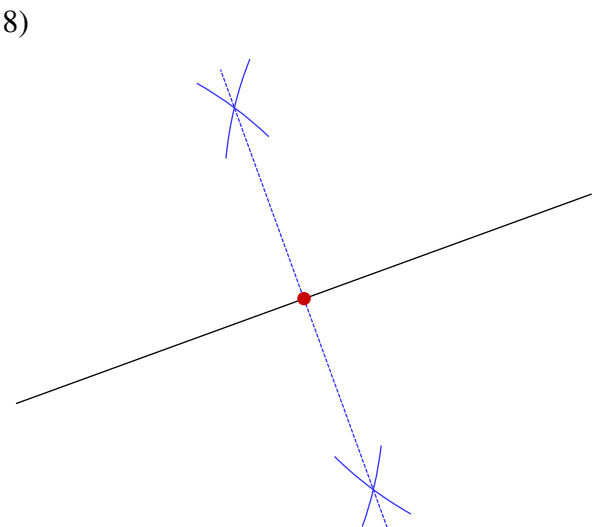
6)
3 equal parts



Construct the perpendicular bisector of each.

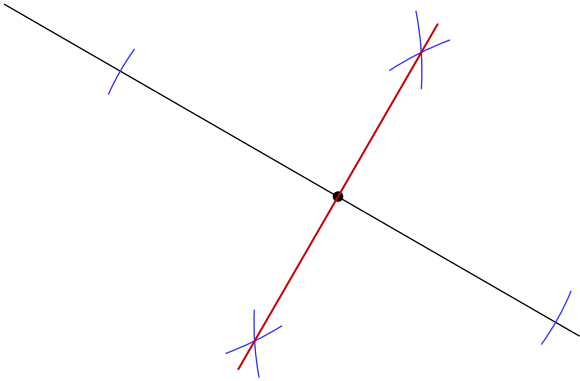


Locate the midpoint of each.

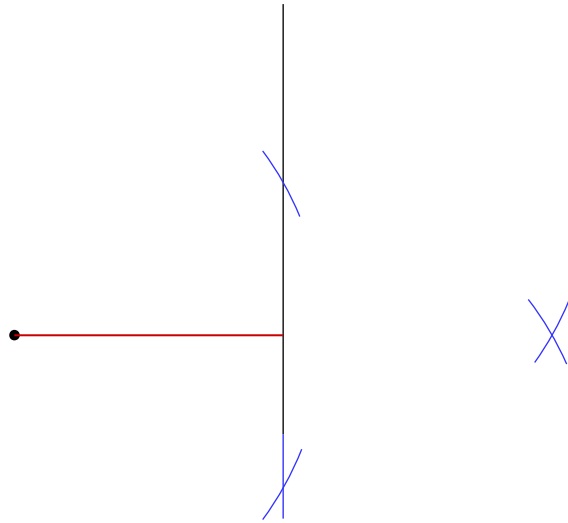


Construct a line segment perpendicular to the segment given through the point given.

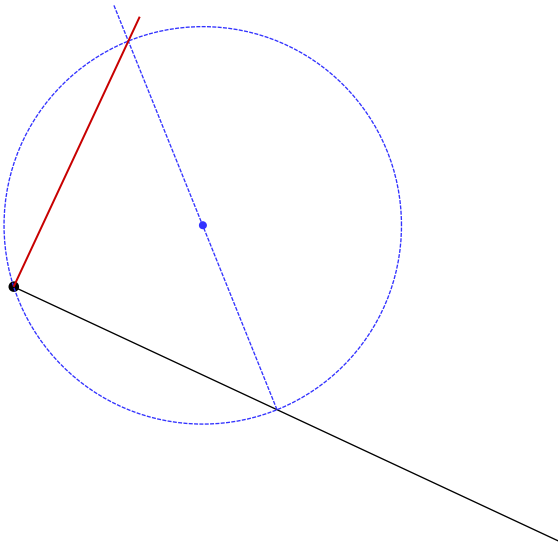
9)



10)



11)



Construct a line segment through the given point parallel to the given line segment.

12)

