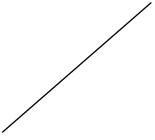


## Line Segment Constructions

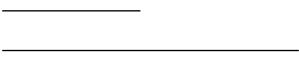
**Construct a line segment congruent to each given line segment.**

1)



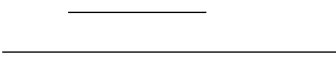
**Construct a line segment whose length is equal to the sum of the lengths of the given line segments.**

2)



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

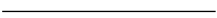
3)



**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 number of equal parts specified.**

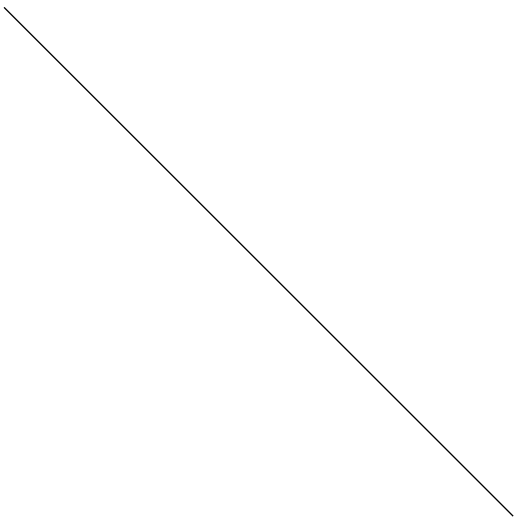
6)

3 equal parts



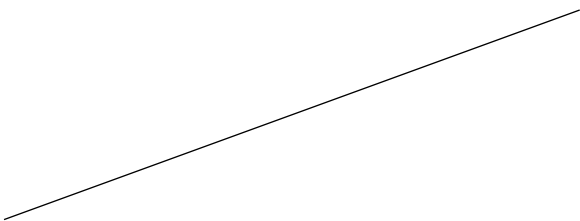
**Construct the perpendicular bisector of each.**

7)



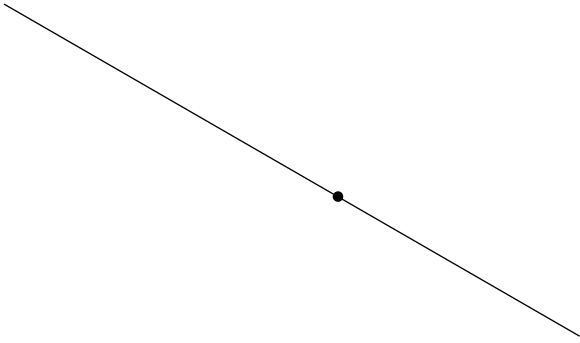
**Locate the midpoint of each.**

8)



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

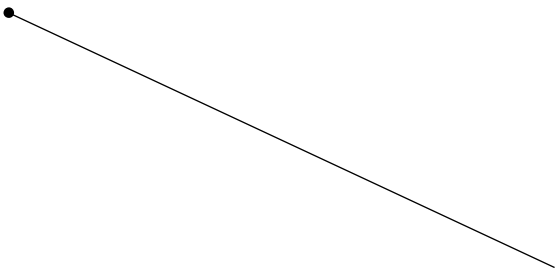
9)



10)



11)



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

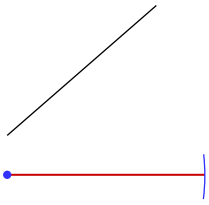
12)



# Line Segment Constructions

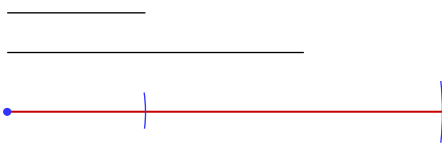
**Construct a line segment congruent to each given line segment.**

1)



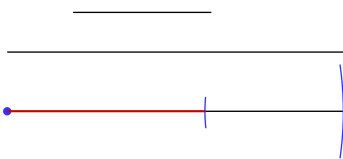
**Construct a line segment whose length is equal to the sum of the lengths of the given line segments.**

2)



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

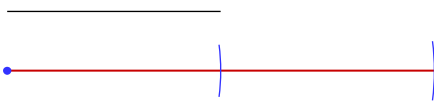
3)



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

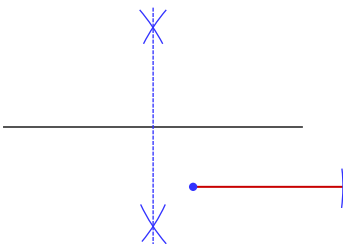
4)

2 times as long



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

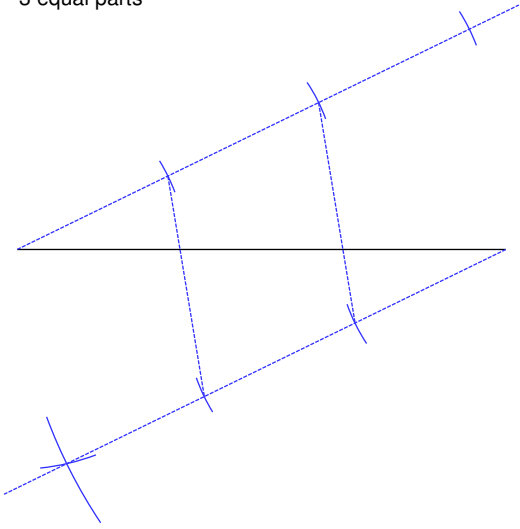
5)



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

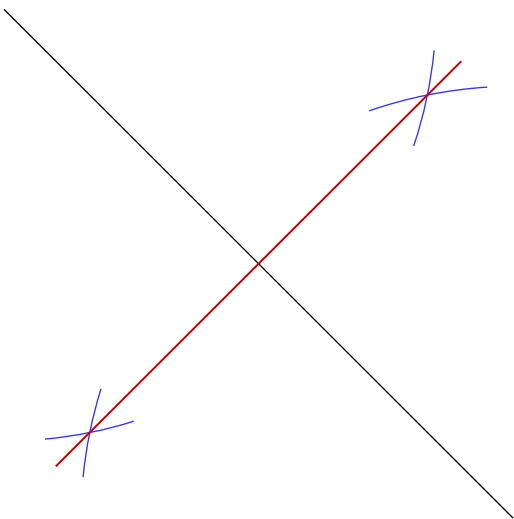
6)

3 equal parts



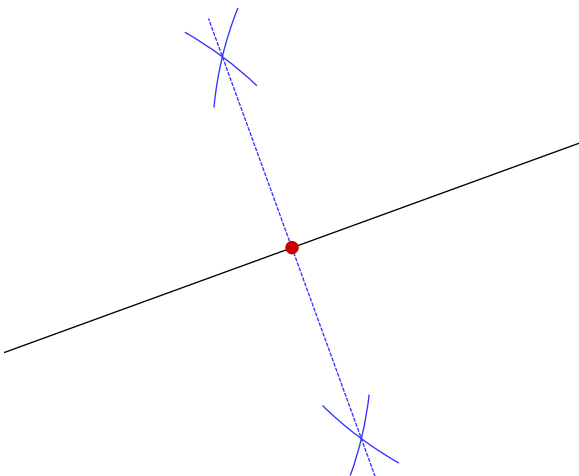
**Construct the perpendicular bisector of each.**

7)



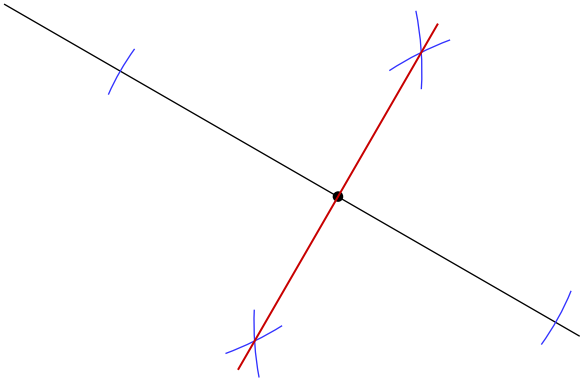
**Locate the midpoint of each.**

8)

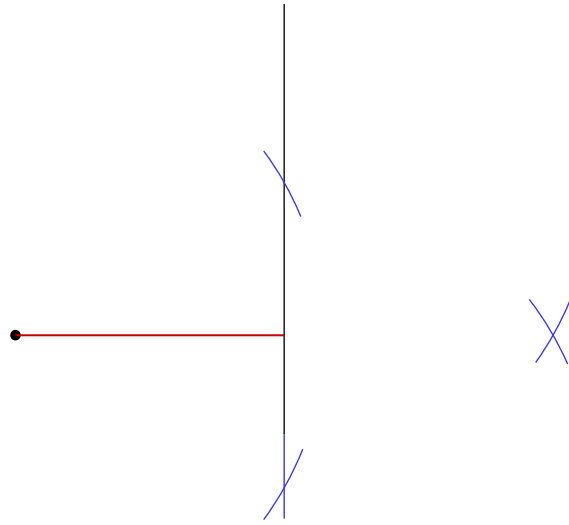


**Construct a line segment perpendicular to the segment given through the point given.**

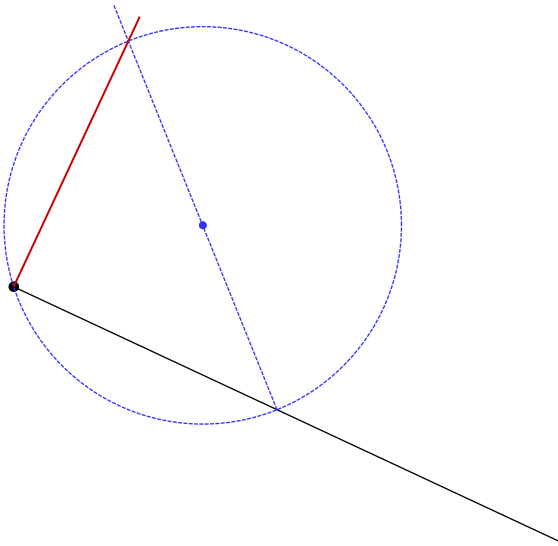
9)



10)



11)



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

12)

