## **Line Segment Constructions**

Date\_\_\_\_\_ Period\_\_\_\_

Construct a line segment congruent to each given line segment.





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)				

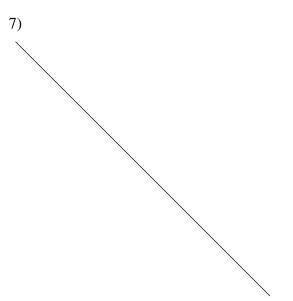
Construct a line segment the given number of times longer than the given segment.

4)
2 times as long

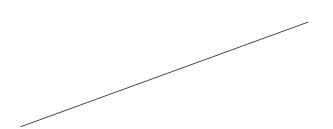
Construct a line segment half as long as the given line segment.

Divide each line segment into the the number of equal parts specified.
6)
3 equal parts

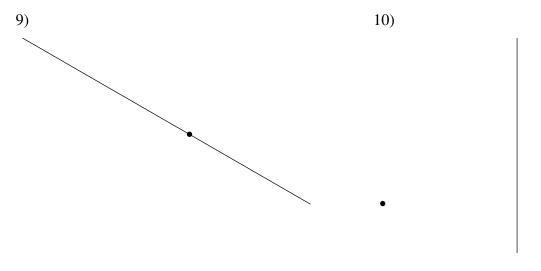
Construct the perpendicular bisector of each.



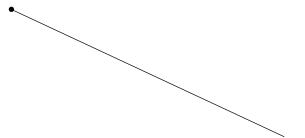
Locate the midpoint of each.



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



11)



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

12)

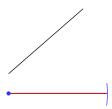
•

## **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)

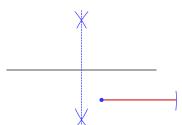


Construct a line segment the given number of times longer than the given segment.

4)

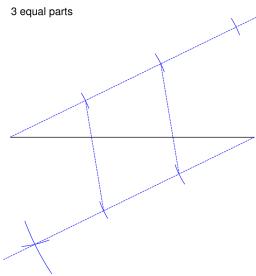


Construct a line segment half as long as the given line segment.



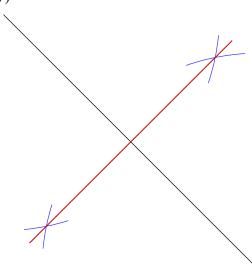
Divide each line segment into the the number of equal parts specified.

6)

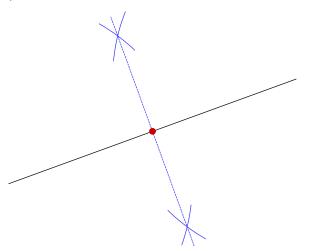


Construct the perpendicular bisector of each.

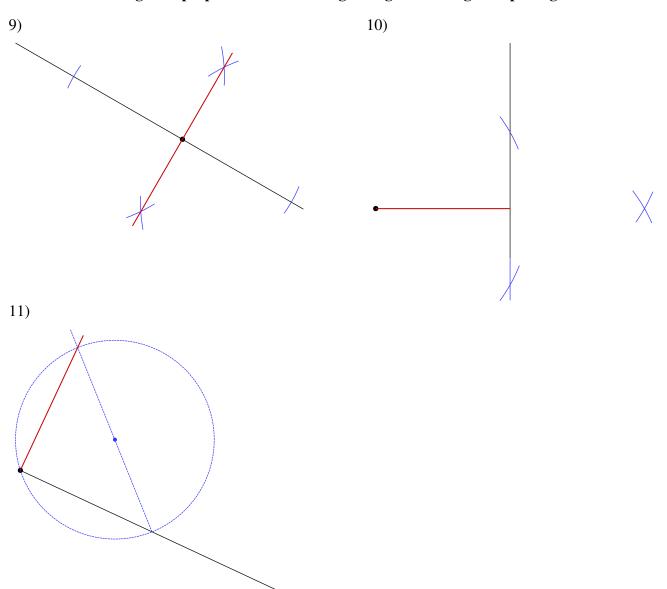
7)



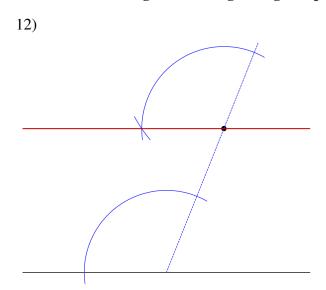
Locate the midpoint of each.



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



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



Create your own worksheets like this one with Infinite Geometry. Free trial available at KutaSoftware.com