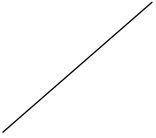


Line Segment Constructions

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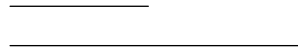
Construct a line segment congruent to each given line segment.

1)



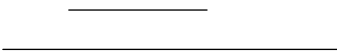
Construct a line segment whose length is equal to the sum of the lengths of the given line segments.

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.

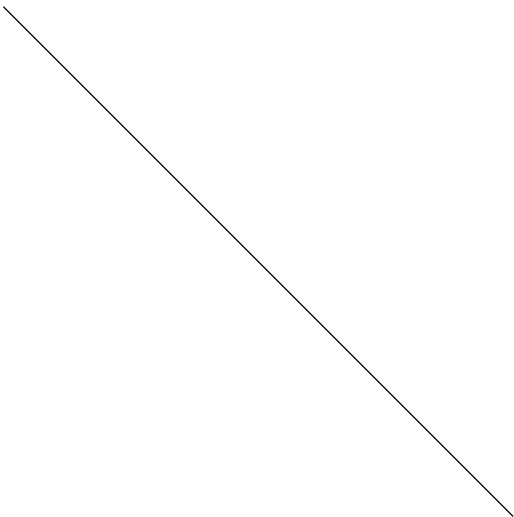
6)

3 equal parts



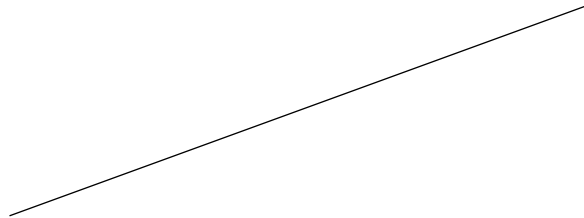
Construct the perpendicular bisector of each.

7)



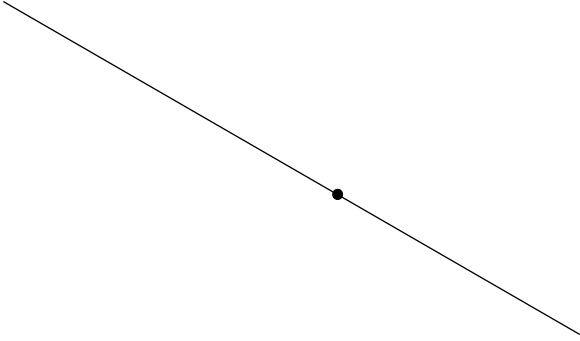
Locate the midpoint of each.

8)

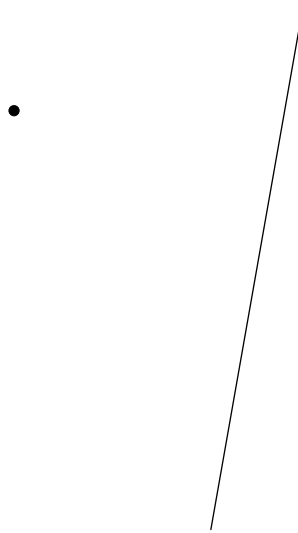


Construct a line segment perpendicular to the segment given through the point given.

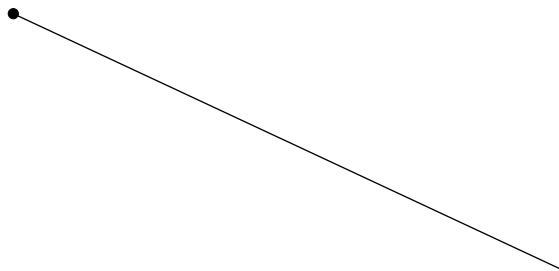
9)



10)

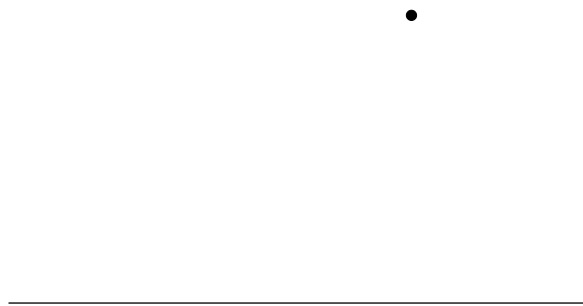


11)



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

12)

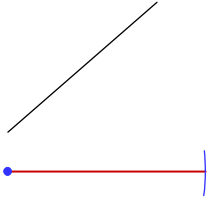


Line Segment Constructions

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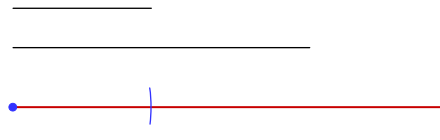
Construct a line segment congruent to each given line segment.

1)



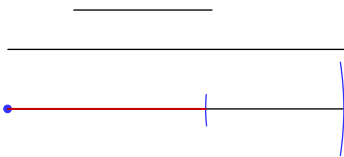
Construct a line segment whose length is equal to the sum of the lengths of the given line segments.

2)



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

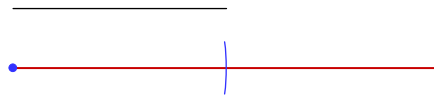
3)



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

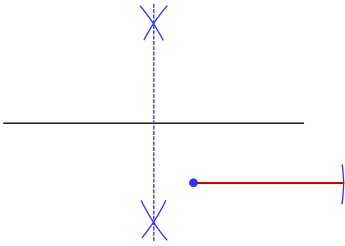
4)

2 times as long



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

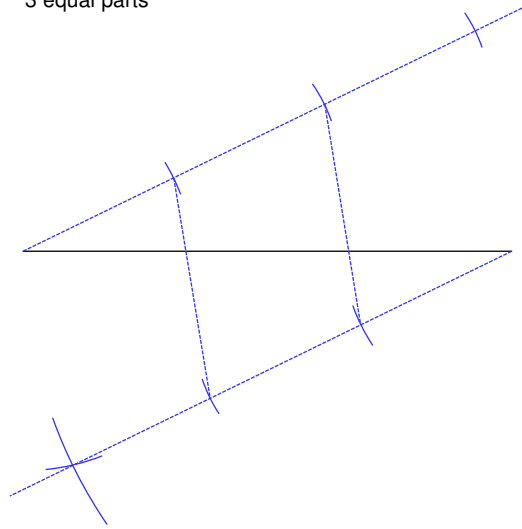
5)



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

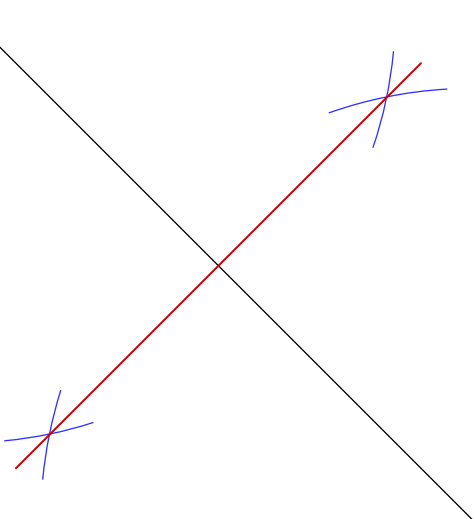
6)

3 equal parts



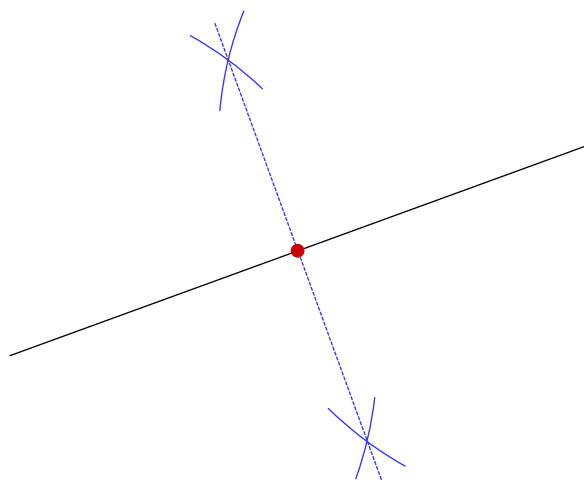
Construct the perpendicular bisector of each.

7)



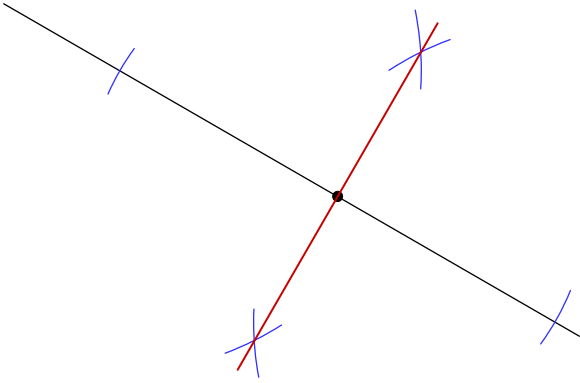
Locate the midpoint of each.

8)

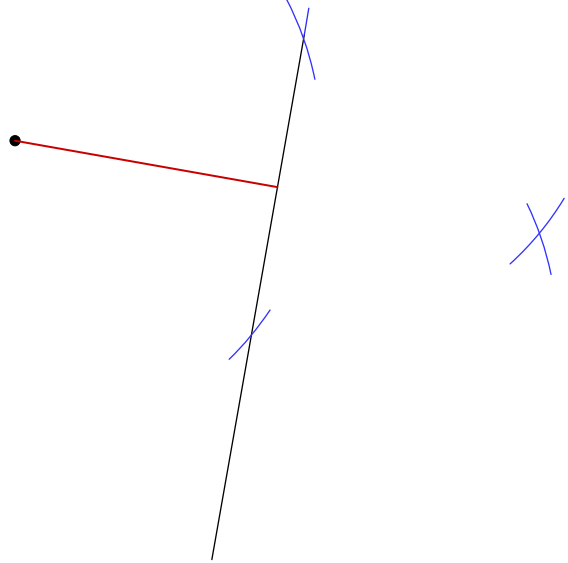


Construct a line segment perpendicular to the segment given through the point given.

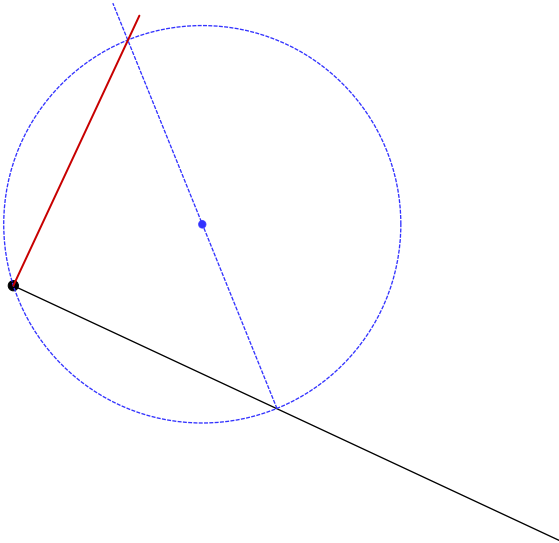
9)



10)



11)



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

12)

