

Name : \_\_\_\_\_

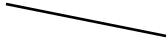
Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

## Line Segment Constructions

- 1) Construct a line segment congruent to the given line segment.



- 2) Construct a line segment with a length equal to the sum of the lengths of these line segments.



- 3) Construct a line segment with length equal to the difference of the lengths of these segments.



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

3 times as long.



- 5) Construct a line segment half as long as the given line segment.



Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

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## Line Segment Constructions

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

3 equal parts



7) Construct the perpendicular bisector of the given segment.



8) Locate the midpoint of the given line segment.



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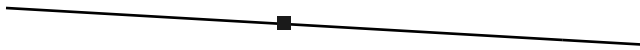
## Line Segment Constructions

Construct a line perpendicular to each given line, through the given point.

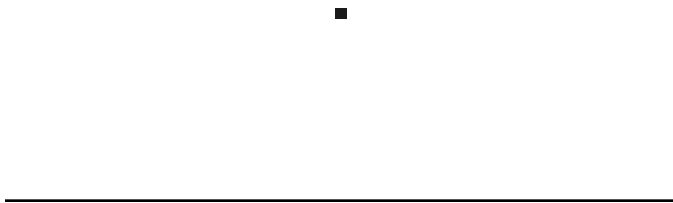
9)



10)



11) Construct a line parallel to each given line, through the given point.



Name : \_\_\_\_\_

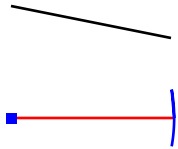
Score : \_\_\_\_\_

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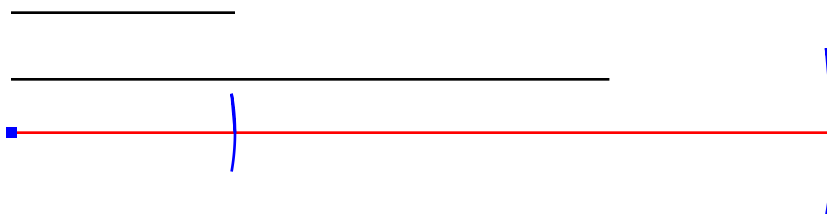
Date : \_\_\_\_\_

## Line Segment Constructions

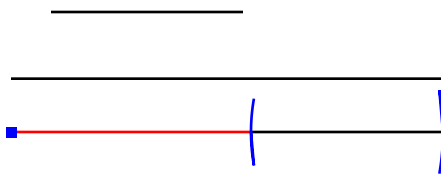
- 1) Construct a line segment congruent to the given line segment.



- 2) Construct a line segment with a length equal to the sum of the lengths of these line segments.



- 3) Construct a line segment with length equal to the difference of the lengths of these segments.

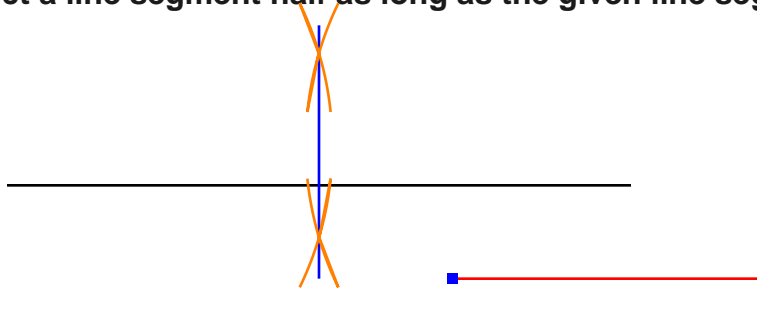


- 4) Construct a line segment the given number of times longer than the given segment.

3 times as long.



- 5) Construct a line segment half as long as the given line segment.



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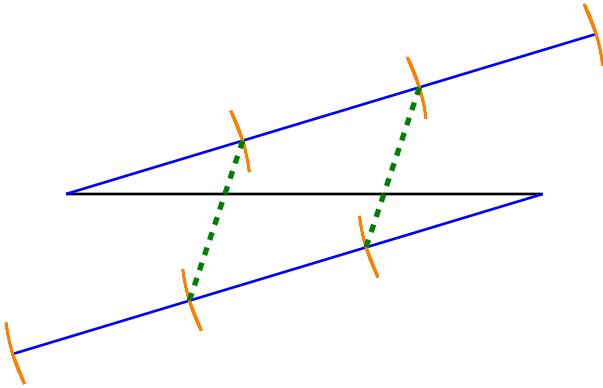
Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

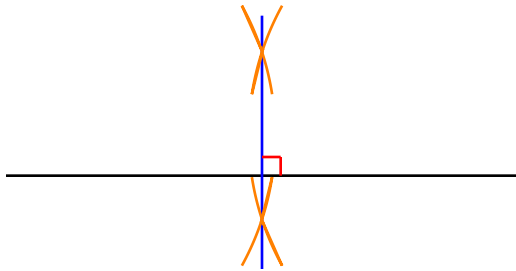
## Line Segment Constructions

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

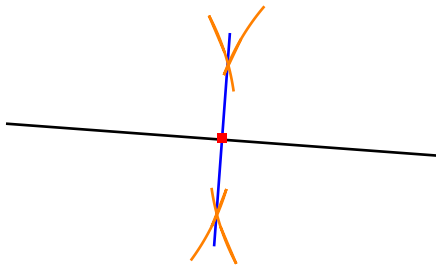
3 equal parts



7) Construct the perpendicular bisector of the given segment.



8) Locate the midpoint of the given line segment.



Name : \_\_\_\_\_

Score : \_\_\_\_\_

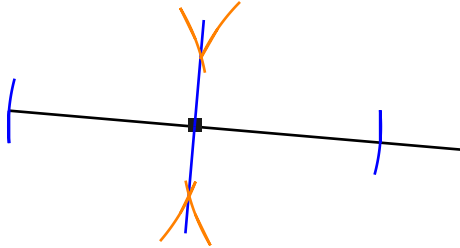
Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

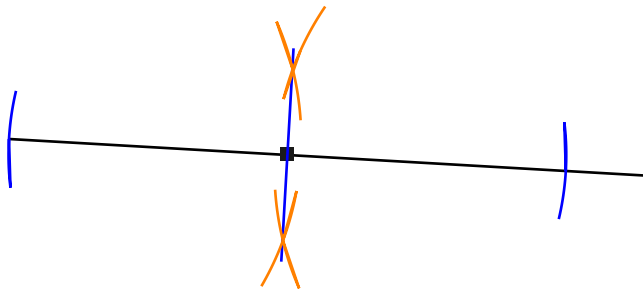
## Line Segment Constructions

Construct a line perpendicular to each given line, through the given point.

9)



10)



11) Construct a line parallel to each given line, through the given point.

