

SECTION 1.2: MEASURING AND CONSTRUCTING SEGMENTS

Homework: _____

Learning Targets:

- 1c. Understanding of writing and solving equations to find angle and segment measurements.
- 1d. Understanding of working with angle and segment bisectors to determine missing measures.

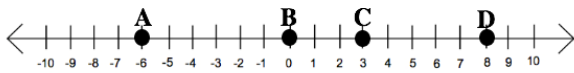
Vocabulary

Congruent

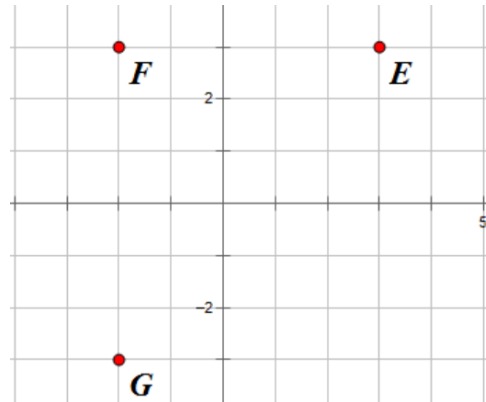
Equal

Segment Addition Postulate

Determine each distance.



1. AB
2. BD
3. EF
4. FG



Draw a figure for each statement.

5. C is between A and B.
6. D is between B and C.
C is between A and D.

Find each value.

7. A is between B and C. Given that $BA = 8$ and $AC = 14$, find BC .
8. B is between A and C. Given that $AB = 7.5$ and $AC = 18$, find BC .