



Geometry

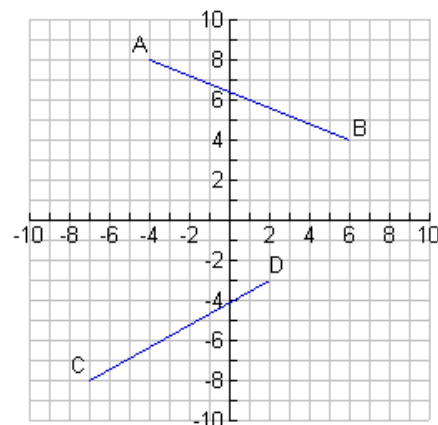
Unit 2—vocabulary

Target 2e Assessment

Name: _____

Period: _____

1. Determine the midpoint of segment AB and for segment CD in the graph below.



2. Determine the mid of the segment defined by the given ordered pairs A and B.

$$A(-6, 1)$$

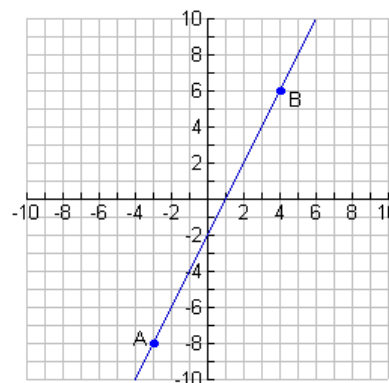
$$A(12, -2)$$

$$B(8, -7)$$

$$B(-15, -9)$$

3. Determine the equation of line passing through the points A and B in the graph below. Leave answer in slope – intercept form.

$$y = mx + b \text{ where } m = \text{slope and } b = \text{yint.}$$





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4. Determine the equation of the line passing through the points $(3,2)$ and $(12,-5)$. Leave answer in slope – intercept form (if you need to sketch this use the bottom of this page to help you!).

$$y = mx + b \text{ where } m = \text{slope and } b = y \text{ int.}$$

A. find the slope (m):

B. Find the y—int. (b):

C. Write the equation of the line in slope intercept form: