

Name:

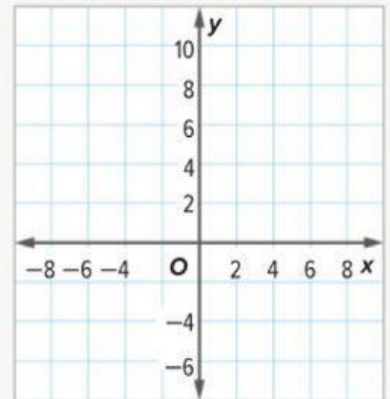
Class:

Power Up! Test Practice

16. Triangle ABC with vertices $A(-3, 7)$, $B(-3, 5)$, and $C(0, 5)$, and triangle CDE with vertices $C(0, 5)$, $D(0, 1)$, and $E(6, 1)$ are slope triangles.

Draw the triangles and the line that they represent on the coordinate plane.

Find the slope of the line.



17. The statements below refer to any non-vertical line on the coordinate plane. Determine if each statement is true or false

- | | | |
|--|-------------------------------|--------------------------------|
| a. All of the slope triangles on the line are similar. | ☐ True | ☐ False |
| b. The slope is the same between any two distinct points on the line. | ☐ True | ☐ False |
| c. In the slope triangles, the ratios of the rise to the run are equal to the absolute value of the slope. | ☐ True | ☐ False |