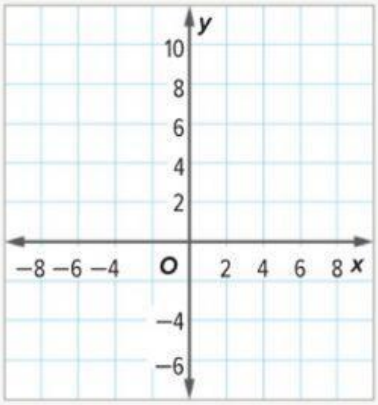
Name: ..... Class: .....

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

LIVEWORKSHEETS