

Name \_\_\_\_\_

# 6-3A Lesson Master

Questions on SPUR Objectives

See pages 392–395 for objectives.

## PROPERTIES Objective D

In 1 and 2, use a line with slope  $-6$ .

1. As you move 1 unit to the right on the line, in which other direction do you also move? \_\_\_\_\_
2. How many units do you move in the direction you gave in Question 1? \_\_\_\_\_
3. Give an example of two points that lie on the same horizontal line. \_\_\_\_\_
4. Use the points from Question 3 to explain why the slope of a horizontal line is 0. \_\_\_\_\_  
\_\_\_\_\_
5. Give an example of two points that lie on the same vertical line. \_\_\_\_\_
6. Use the points from Question 5 to explain why the slope of a vertical line is undefined. \_\_\_\_\_  
\_\_\_\_\_

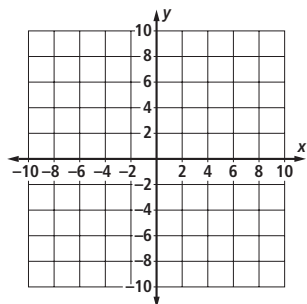
## USES Objective E

7. In order for the Wassermans to install their new washing machine, they had to move the old machine out of their basement. To do this, they built a small ramp by laying a piece of plywood over the 5 steps leading to the outside. If the rise (the vertical part) of each step was 6 inches, and the run (the horizontal part) of each step was 9 inches, what was the slope of the ramp? \_\_\_\_\_

## REPRESENTATIONS Objective H

In 8 and 9, graph the line described.

8. Passes through (3, 1) and has slope  $-2$



9. Passes through  $(-1, -1)$  and has slope  $\frac{1}{3}$

