Name

3-3A **Lesson Master**

Questions on SPUR Objectives
See Student Edition pages 215–219 for objectives.

SKILLS Objective A

In 1–4, find a. the slope, b. the *y*-intercept (if any), and c. the *x*-intercept (if any).

1. $5x + 2y = 24$ a. _____   b. _____   c. _____

2. $8.1x - 4.2y = 20.8$ a. _____   b. _____   c. _____

3. $x = 10$ a. _____   b. _____   c. _____

4. $y = -3.162$ a. _____   b. _____   c. _____

PROPERTIES Objective E

In 5–7, consider the equation $Ax + By = C$.

5. a. Convert the equation to slope-intercept form. _____

   b. What is the slope? _____

   c. What is the *y*-intercept? _____

6. A horizontal line contains (5, 0). Which of A, B, or C must be zero? _____

7. If the slope of the line is undefined, which of A, B, or C must be zero? _____

REPRESENTATIONS Objective M

In 8 and 9, graph the given line. Identify the *x*- and *y*-intercepts as ordered pairs.

8. $2.5x + 6y = 15$ 9. $3x - 8y = -30$