

Name \_\_\_\_\_

**6-8A Lesson Master****Questions on SPUR Objectives**

See pages 392–395 for objectives.

**SKILLS** Objective C

In 1–6, rewrite the equation in standard form with integer coefficients.

1.  $y = -3x - 7$

2.  $y = \frac{2}{5}x + 14$

3.  $y = 8 - \frac{1}{3}x$

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4.  $2y - 2.5 = 9x$

5.  $y - x - 3 = 0$

6.  $30x = \frac{1}{9}y + 70$

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**USES** Objective F

7. In the game of paper football, you get 6 points for a touchdown and 1 point for a field goal. Marcos scored  $x$  touchdowns and  $y$  field goals, for a total of 20 points.

a. Write an equation in standard form that describes the relationship between  $x$  and  $y$ . \_\_\_\_\_

b. Give three solutions to your equation from Part a. \_\_\_\_\_

**REPRESENTATIONS** Objective H

In 8 and 9, an equation for a line is given. a. Find the  $x$ - and  $y$ -intercepts of the graph of the line. b. Graph the line.

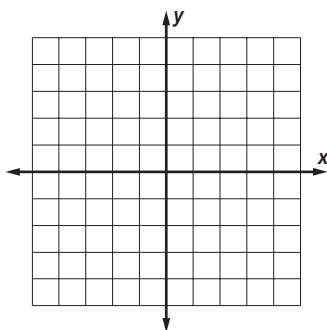
8.  $3x + 8y = -24$

9.  $5x - 2y = 10$

a. \_\_\_\_\_

a. \_\_\_\_\_

b.



b.

