

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

4. $2y - 2.5 = 9x$

5. $y - x - 3 = 0$

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

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. _____

