Name _____
Period _____ Date _____

4.5 Graph Using Slope-Intercept Form Assignment

Identify the slope and *y*-intercept of the line with the given equation.

1. $y = 5x - 4$

2. $y = 10 - 4x$

3. $9x + y = 8$

4. $12x + 3y = 9$

5. $6x - 2y = 2$

6. $2x + 5y = 10$

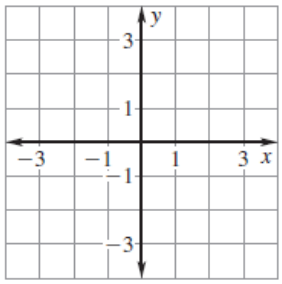
7. $9x - 3y = -1$

8. $4y + 6x = 2$

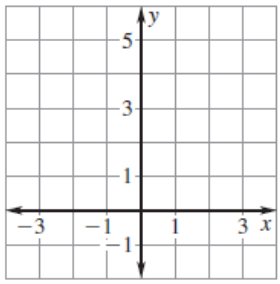
9. $8y - 2x = 5$

Graph the equation.

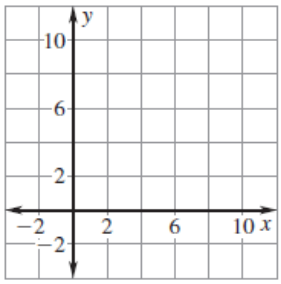
16. $y = -7x + 2$



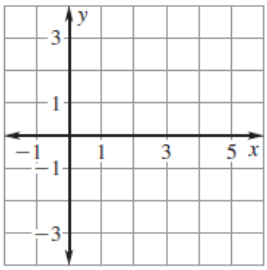
17. $y = 5x + 4$



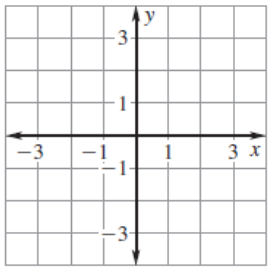
18. $y = -x + 9$



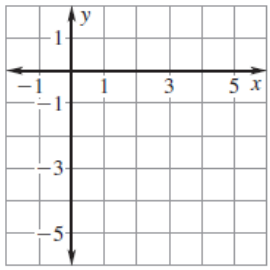
19. $y = \frac{1}{5}x$



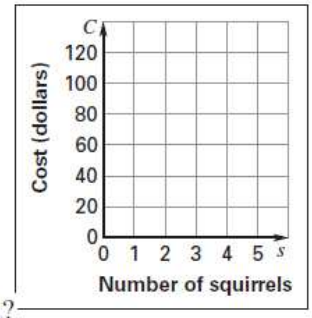
20. $y = -\frac{2}{3}x + 1$



21. $y = \frac{4}{3}x - 5$



Squirrels A family of squirrels takes up residence in the roof of your house. You call a company to get rid of the squirrels. The company traps the squirrels and then releases them in a wooded area. The company charges \$30 to drop off the traps and then charges \$15 for each squirrel it traps. The total cost C (in dollars) is given by the equation $C = 30 + 15s$ where s is the number of squirrels that are taken away.



a. Graph the equation.

b. How much more does it cost for the company to trap 4 squirrels?