Name Date

Skill Drill 6 (Algebra 1)

Find the *x*- and *y*-intercepts of the graph of the linear equation.

1.  2. 

Use intercepts to graph the linear equation. Label the points corresponding to the intercepts.

3.  4. 

5. You are ordering warm-up clothes for the basketball team. The mesh shirts cost   
$16 each and the cotton shirts cost $8 each. You have a budget of $240 for the shirts. The equation  models the total cost, where *x* is the number of mesh shirts and *y* is the number of cotton shirts.

a. Graph the equation. Interpret the intercepts.

b. Four players decide they want the cotton shirts. How many mesh shirts can   
you order?

The following points lie on a line. Find the slope of the line.

6.  7. 

Find the slope and *y*-intercept. Then graph the linear equation.

8.  9.  10. 