



# 5-Minute Check

(over Chapter 5)

Transparency 6-1

BE-1A - MONDAY 3-12-07

1. Find the slope of the line that passes through  $(-4, 8)$  and  $(5, 2)$ .
2. Suppose  $y$  varies directly as  $x$  and  $y = -5$  when  $x = 10$ . Write a direct variation equation that relates  $x$  and  $y$ .

Write the slope-intercept form of an equation of the line that satisfies each condition.

3. has slope 3 and  $y$ -intercept  $-5$
4. passes through  $(3, 5)$  and  $(-2, 5)$

5. **Standardized Test Practice**

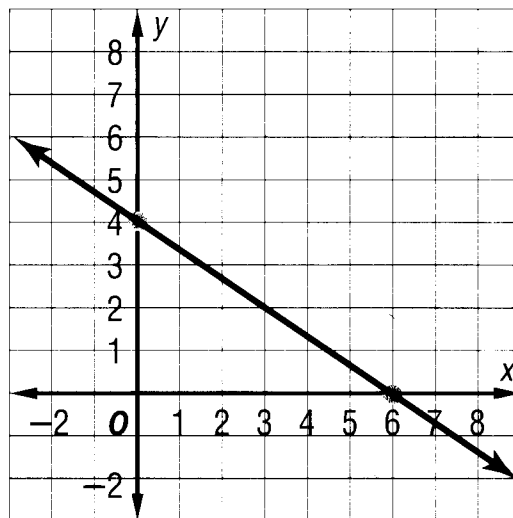
Which equation represents this line?

(A)  $y = -\frac{2}{3}x + 4$

(B)  $y = \frac{2}{3}x + 4$

(C)  $y = -\frac{3}{2}x - 4$

(D)  $y = \frac{3}{2}x - 4$



## ANSWERS

1.  $-\frac{2}{3}$

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

3.  $y = 3x - 5$

4.  $y = 5$

5. A