



5-Minute Check

(Over Lesson 5-3)

Transparency 5-4

BE-1A TUESDAY 1-12-08

Write an equation of the line with the given slope and y-intercept.

1. slope: 3, y-intercept: -1 2. slope: $-\frac{4}{5}$, y-intercept: 0

Graph each equation.

3. $y = 3x + 1$

4. $2y - 3x = 6$

5. Write a linear equation in slope-intercept form to model the following situation. Snow accumulated overnight to 3 inches and an additional 0.25 inches is expected to fall each hour during the day.

6. **Standardized Test Practice** Which equation has the greatest slope?

A $3x + 2y = 6$

B $3x - 2y = 6$

C $x - 2y = 6$

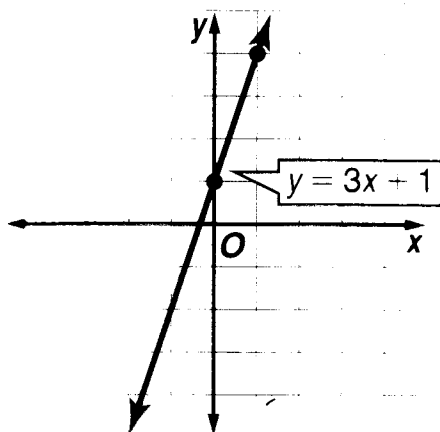
D $3x + y = 6$

ANSWERS

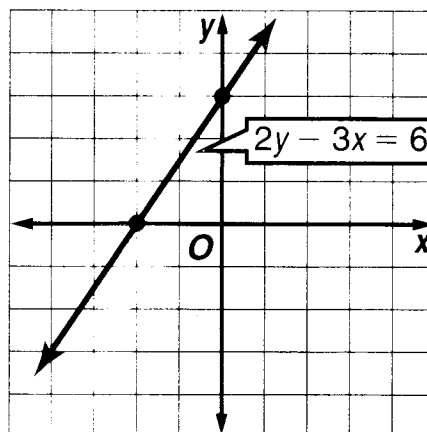
1. $y = 3x - 1$

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

3.



4.



5. $y = 0.25x + 3$

6. B

Homework Review: Pg. 276 # 40-43, 45, 46

Group practice: Pg 275 # 11-13.

Individual practice: • Pg 275 # 4 to 10
• $m=0$, $m=v$ lines

Return graded quiz 4/Review.

Homework: Pg 277 # 50, 65 to 67