



## Homework

## Activity 1

Tell the slope of each function.

1.  $y = 3x$

2.  $y = 4x$

3.  $y = \frac{1}{4}x$

4.  $y = -x$

5.  $y = x$

6.  $y = \frac{1}{3}x$

## Activity 2

For each of the functions, look at the slope and tell whether the line on the graph will go up or down from left to right.

1.  $y = -5x$

2.  $y = \frac{2}{3}x$

3.  $y = 10x$

4.  $y = -x$

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

## Activity 3

For each pair of functions, tell which line is steeper.

1. Line A:  $y = -\frac{1}{2}x$   
Line B:  $y = -x$

2. Line A:  $y = 3x$   
Line B:  $y = \frac{1}{3}x$

3. Line A:  $y = -2x$   
Line B:  $y = -x$

4. Line A:  $y = \frac{5}{6}x$   
Line B:  $y = 4x$

## Activity 4 • Distributed Practice

Solve.

1.  $-27 + -35$

2.  $-8 - 15$

3.  $-5 \cdot -20$

4.  $-540 \div 60$

5.  $12 - -35$

6.  $17 + -100$

7.  $-20 \cdot 4$

8.  $-54 \div -6$