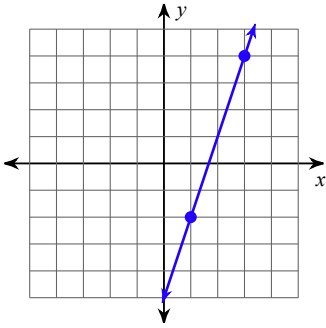


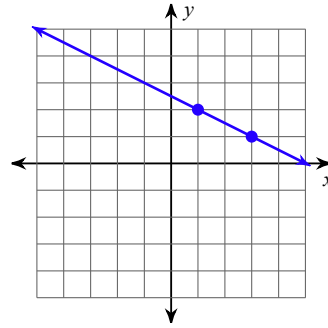
# Assignment

Find the slope of each line.

1)

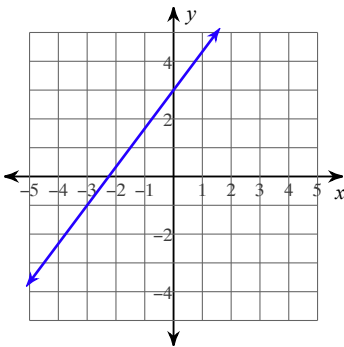


2)

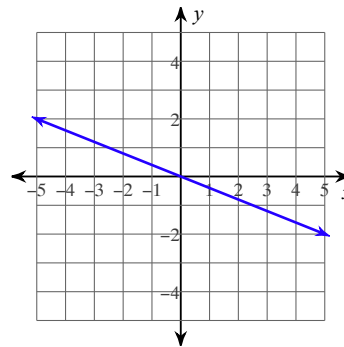


Write the slope-intercept form of the equation of each line.

3)



4)



Write the slope-intercept form of the equation of the line described.

5) through:  $(-2, -5)$ , parallel to  $y = \frac{7}{2}x - 4$

6) through:  $(5, -1)$ , perp. to  $y = \frac{5}{3}x$

Evaluate each using the values given.

7)  $x + y + \frac{(x - y)^2}{5}$ ; use  $x = 1$ , and  $y = 6$

Solve each equation.

8)  $10(3a + 7) = 3a + 5(8 + 6a)$

## Answers to Assignment (ID: 1)

1) 3

2)  $-\frac{1}{2}$

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

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

5)  $y = \frac{7}{2}x + 2$

6)  $y = -\frac{3}{5}x + 2$

7) 12

8) {10}