CC8 Name_____ ID: 1

8.SP.2 Review steps

Date_____ Period____

Find the slope of the line through each pair of points.

1) $(-12, -19), (13, -15)$

2) $(-18, 8), (8, 14)$

3) $(-12, -17), (-15, -15)$

4) $(3, -16), (14, 19)$

Write the slope-intercept form of the equation of the line through the given point with the given slope.

5) through: $(-2, -4)$, slope = 2

6) through: $(4, -1)$, slope = $-\frac{3}{4}$

7) through: $(-1, -3)$, slope = $-\frac{3}{2}$

8) through: $(1, -3)$, slope = -6

Write the slope-intercept form of the equation of the line through the given points.

9) through: $(0, 4)$ and $(-4, -4)$

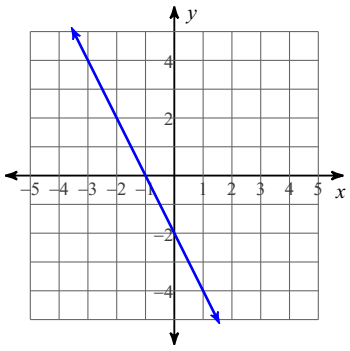
10) through: $(2, -3)$ and $(1, -2)$

11) through: $(2, 3)$ and $(-3, 0)$

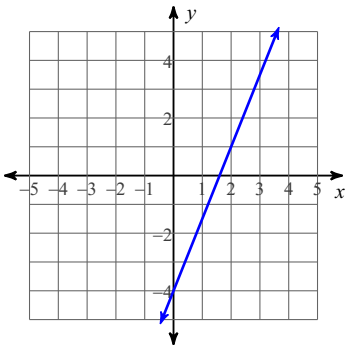
12) through: $(2, -5)$ and $(0, 4)$

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

13)



14)



Answers to 8.SP.2 Review steps (ID: 1)

1) $\frac{4}{25}$

2) $\frac{3}{13}$

3) $-\frac{2}{3}$

4) $\frac{35}{11}$

5) $y = 2x$

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

7) $y = -\frac{3}{2}x - \frac{9}{2}$

8) $y = -6x + 3$

9) $y = 2x + 4$

10) $y = -x - 1$

11) $y = \frac{3}{5}x + \frac{9}{5}$

12) $y = -\frac{9}{2}x + 4$

13) $y = -2x - 2$

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