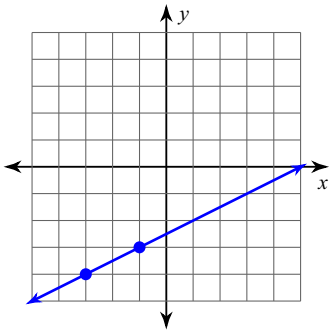
COA Name_____ ID: 1

Test Review

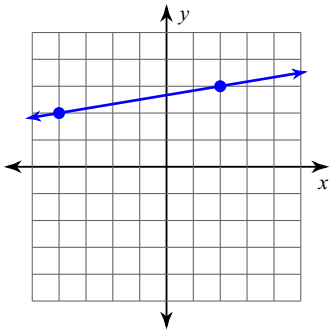
Date_____ Period____

Find the slope of each line.

1)



2)



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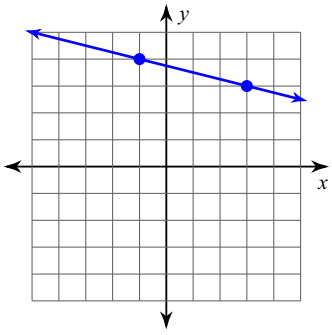

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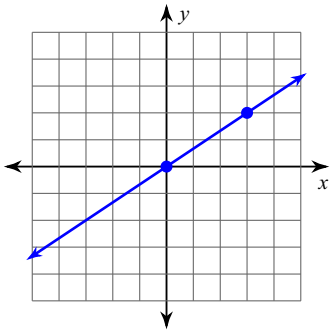


5) $y = -\frac{3}{2}x - 1$

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

Find the slope of a line parallel to each given line.

7) $y = 8x + 3$

8) $y = -2x - 5$

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

9) $(-16, -4), (-9, 1)$

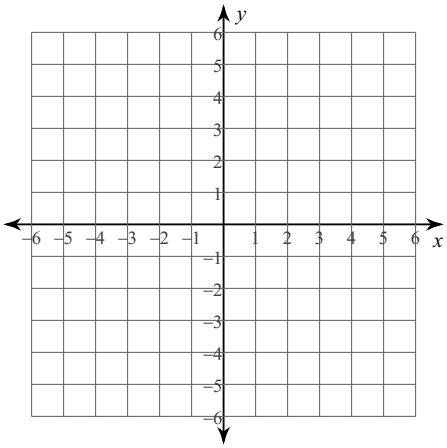
10) $(18, -15), (-6, -19)$

11) $(9, -14), (0, 10)$

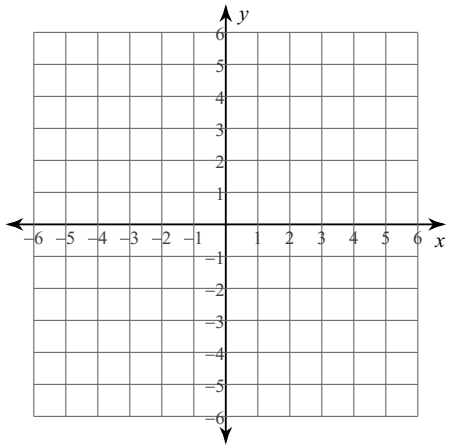
12) $(-16, -8), (19, 3)$

Sketch the graph of each line.

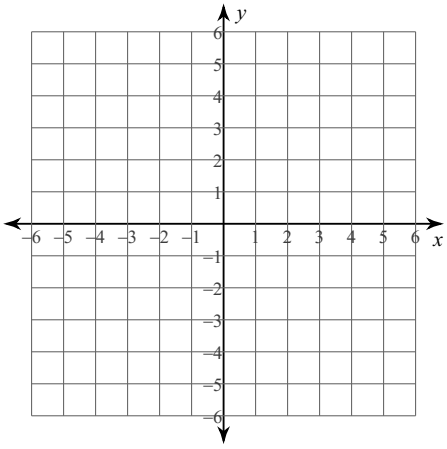
13) x-intercept = 5, y-intercept = –4



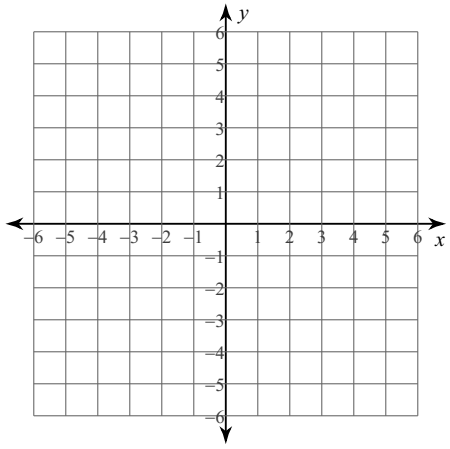
14) x-intercept = 1, y-intercept = –1



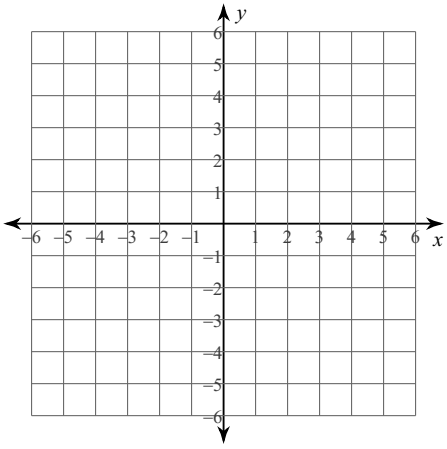
15) $y = -\frac{7}{2}x - 4$



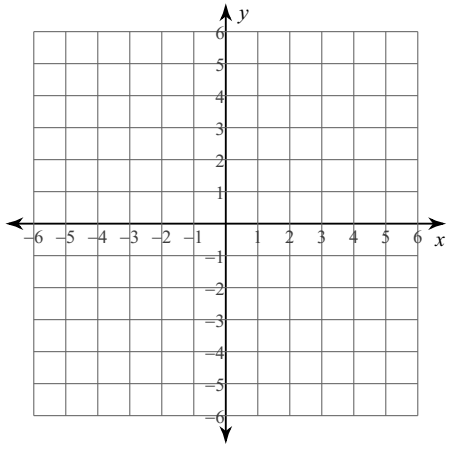
16) $y = -\frac{5}{2}x + 2$



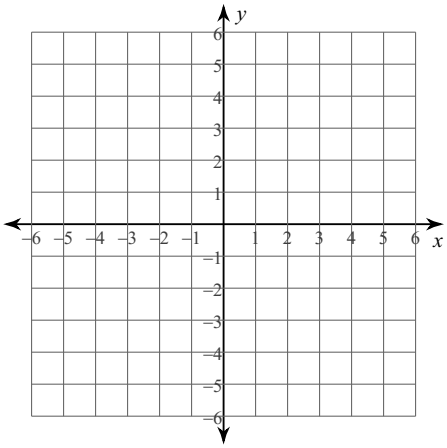
17) $y = \frac{7}{3}x - 3$



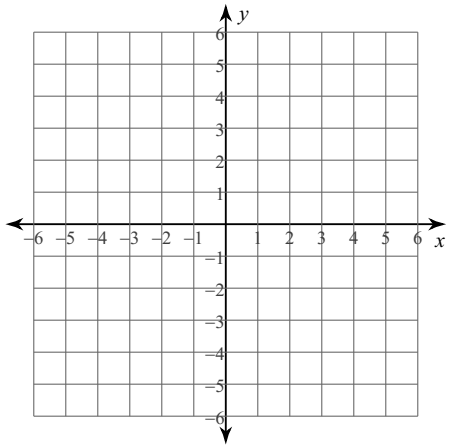
18) $y = -\frac{1}{2}x - 2$



19) $2x + y = 4$

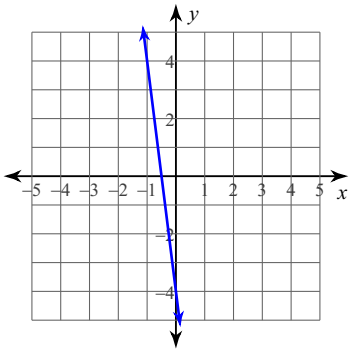


20) $5x - y = -5$

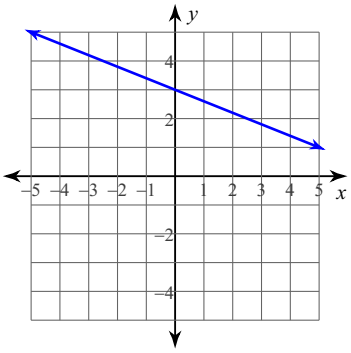


Write the slope-intercept form of the equation of each line.

21)



22)



Write the slope-intercept form of the equation of each line given the slope and y-intercept.

23) Slope $= -\frac{1}{5}$, y-intercept $= -5$

24) Slope $= \frac{2}{5}$, y-intercept $= 0$

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

25) $3x + y = 2$

26) $9x - 8y = -40$

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

27) through: $(-2, -4)$, slope = 3

28) through: $(4, 2)$, slope = $\frac{7}{5}$

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

30) through: $(-4, 0)$, slope = $\frac{1}{7}$

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

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

32) through: $(4, -1)$ and $(3, 4)$

33) through: $(-3, -4)$ and $(0, -1)$

34) through: $(-1, 2)$ and $(-5, -5)$

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

35) through: $(1, -2)$, parallel to $y = -x$

36) through: $(2, -5)$, parallel to $y = 4$

Answers to Test Review (ID: 1)

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

3) $-\frac{1}{4}$

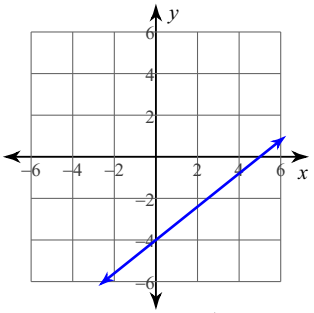
5) $-\frac{3}{2}$

7) 8

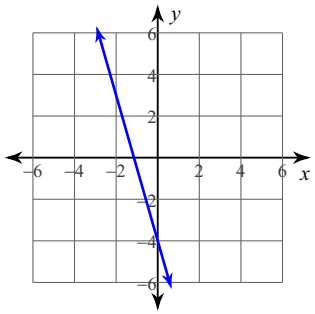
9) $\frac{5}{7}$

11) $-\frac{8}{3}$

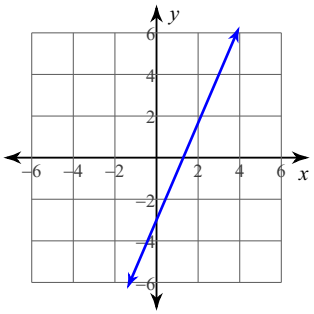
13)



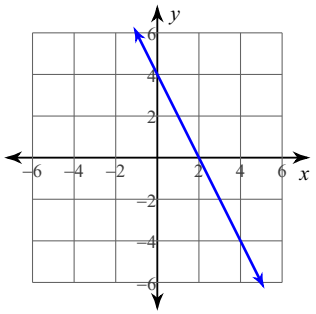
15)



17)



19)



21) $y = -8x - 4$

23) $y = -\frac{1}{5}x - 5$

25) $y = -3x + 2$

27) $y = 3x + 2$

29) $y = \frac{2}{3}x - 1$

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

33) $y = x - 1$

35) $y = -x - 1$