

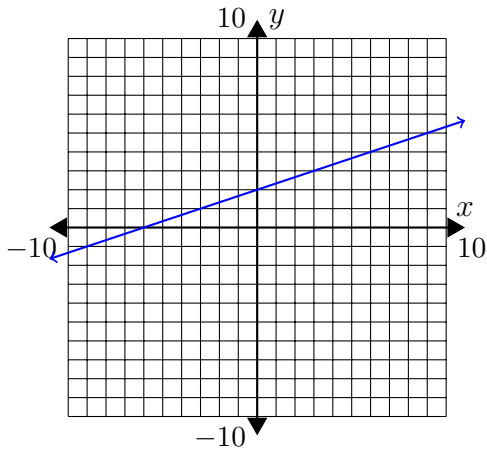
## Graphing Worksheet 11 Answers

1.  $y = \frac{1}{3}x + 2$

Slope ( $m$ ) =  $\frac{1}{3}$

$y$ -intercept ( $b$ ) =  $(0, 2)$

Direction of the line (as a fraction) =  $\frac{\text{up } 1}{\text{right } 3}$

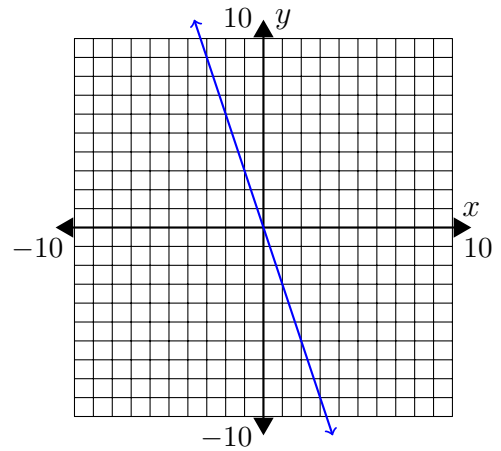


2.  $y = -3x$

Slope ( $m$ ) =  $-3$

$y$ -intercept ( $b$ ) =  $(0, 0)$

Direction of the line (as a fraction) =  $\frac{\text{down } 3}{\text{right } 1}$

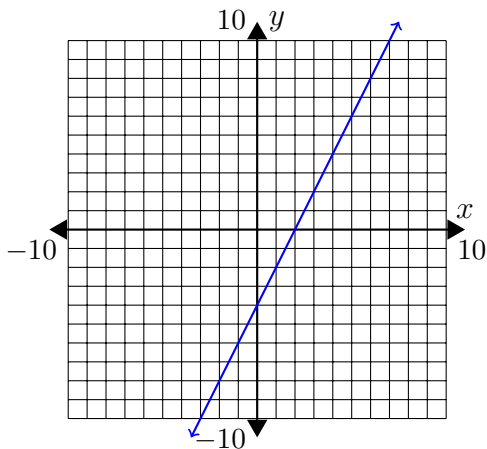


3.  $y = 2x - 4$

Slope ( $m$ ) =  $2$

$y$ -intercept ( $b$ ) =  $(0, -4)$

Direction of the line (as a fraction) =  $\frac{\text{up } 2}{\text{right } 1}$

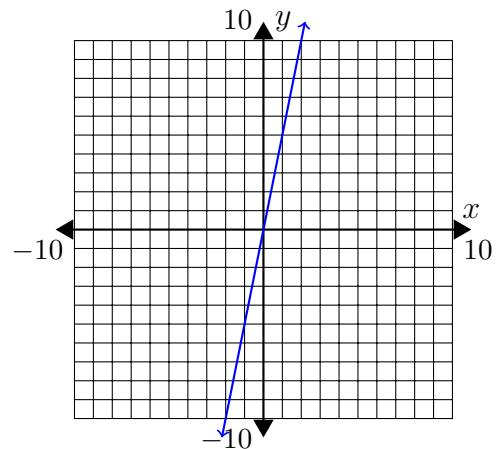


4.  $y = 5x$

Slope ( $m$ ) =  $5$

$y$ -intercept ( $b$ ) =  $(0, 0)$

Direction of the line (as a fraction) =  $\frac{\text{up } 5}{\text{right } 1}$

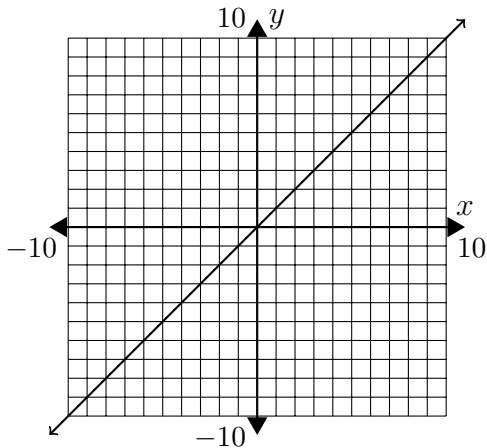


5.  $y = x$

Slope ( $m$ ) = 1

$y$ -intercept ( $b$ ) = (0, 0)

Direction of the line (as a fraction) =  $\frac{\text{up } 1}{\text{right } 1}$

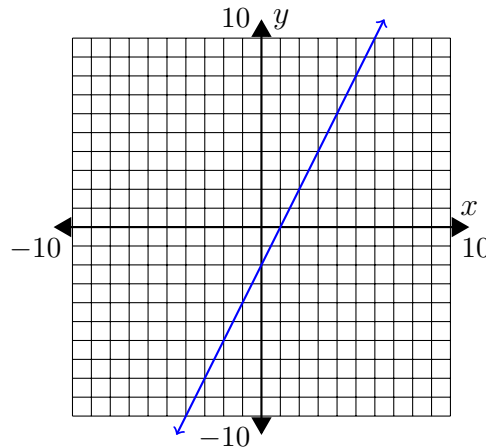


6.  $y = 2x - 2$

Slope ( $m$ ) = 2

$y$ -intercept ( $b$ ) = (0, -2)

Direction of the line (as a fraction) =  $\frac{\text{up } 2}{\text{right } 1}$

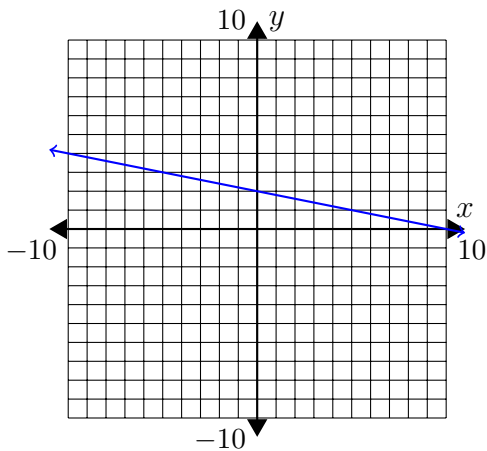


7.  $y = -\frac{1}{5}x + 2$

Slope ( $m$ ) =  $-\frac{1}{5}$

$y$ -intercept ( $b$ ) = (0, 2)

Direction of the line (as a fraction) =  $\frac{\text{down } 1}{\text{right } 5}$

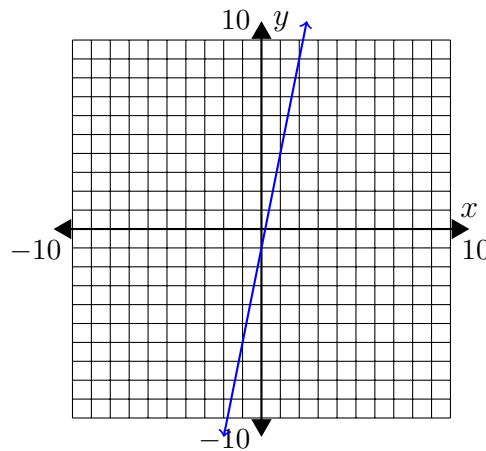


8.  $y = 5x - 1$

Slope ( $m$ ) = 5

$y$ -intercept ( $b$ ) = (0, -1)

Direction of the line (as a fraction) =  $\frac{\text{up } 5}{\text{right } 1}$

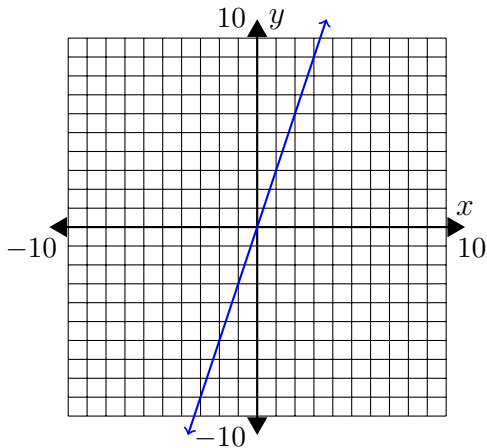


9.  $y = 3x$

Slope ( $m$ ) = 3

$y$ -intercept ( $b$ ) = (0, 0)

Direction of the line (as a fraction) =  $\frac{\text{up } 3}{\text{right } 1}$

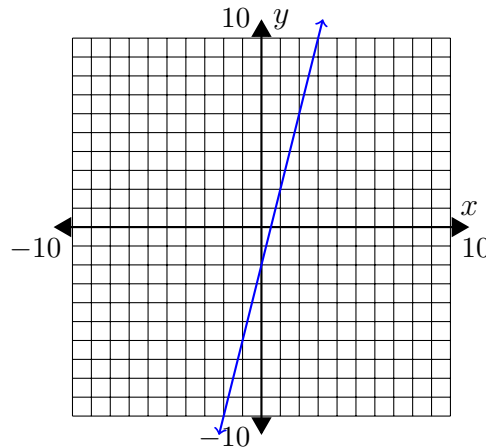


10.  $y = 4x - 2$

Slope ( $m$ ) = 4

$y$ -intercept ( $b$ ) = (0, -2)

Direction of the line (as a fraction) =  $\frac{\text{up } 4}{\text{right } 1}$

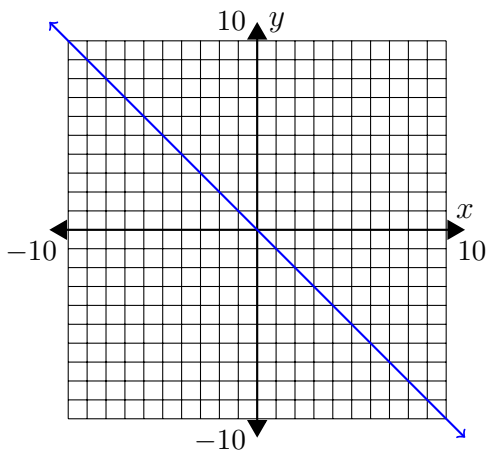


11.  $y = -x$

Slope ( $m$ ) = -1

$y$ -intercept ( $b$ ) = (0, 0)

Direction of the line (as a fraction) =  $\frac{\text{down } 1}{\text{right } 1}$

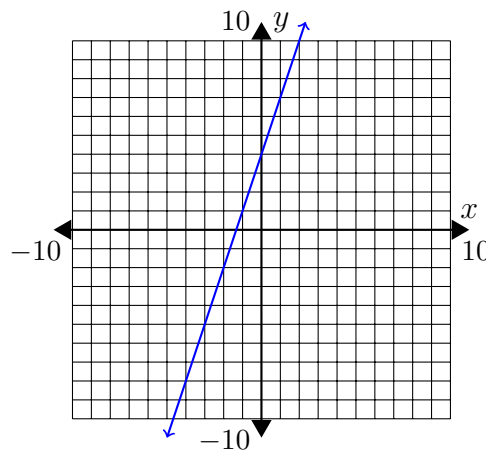


12.  $y = 3x + 4$

Slope ( $m$ ) = 3

$y$ -intercept ( $b$ ) = (0, 4)

Direction of the line (as a fraction) =  $\frac{\text{up } 3}{\text{right } 1}$

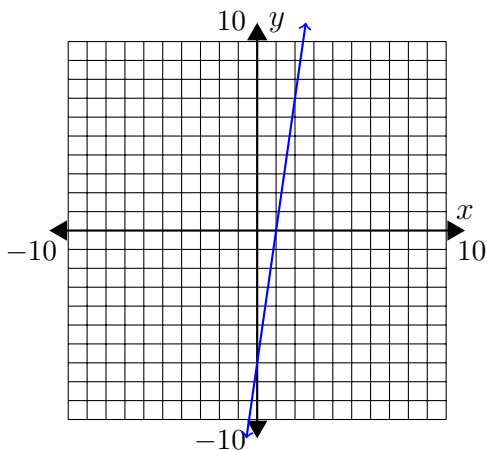


13.  $y = 7x - 7$

Slope ( $m$ ) = 7

$y$ -intercept ( $b$ ) = (0, -7)

Direction of the line (as a fraction) =  $\frac{\text{up } 7}{\text{right } 1}$

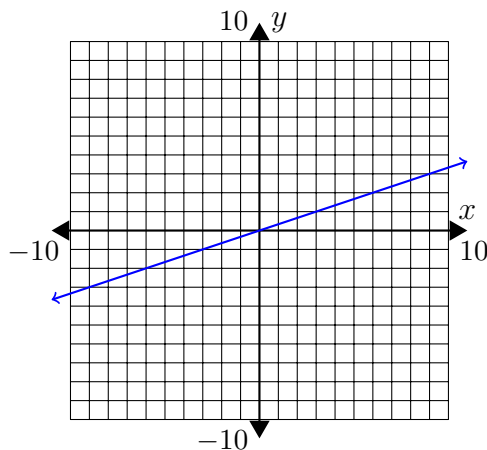


14.  $y = \frac{1}{3}x$

Slope ( $m$ ) =  $\frac{1}{3}$

$y$ -intercept ( $b$ ) = (0, 0)

Direction of the line (as a fraction) =  $\frac{\text{up } 1}{\text{right } 3}$

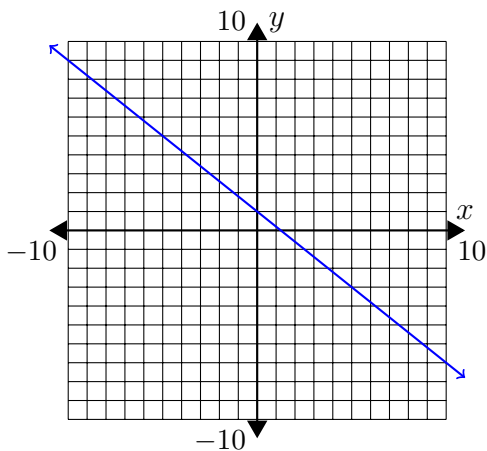


15.  $y = -\frac{4}{5}x + 1$

Slope ( $m$ ) =  $-\frac{4}{5}$

$y$ -intercept ( $b$ ) = (0, 1)

Direction of the line (as a fraction) =  $\frac{\text{down } 4}{\text{right } 5}$



16.  $y = \frac{3}{5}x$

Slope ( $m$ ) =  $\frac{3}{5}$

$y$ -intercept ( $b$ ) = (0, 0)

Direction of the line (as a fraction) =  $\frac{\text{up } 3}{\text{right } 5}$

