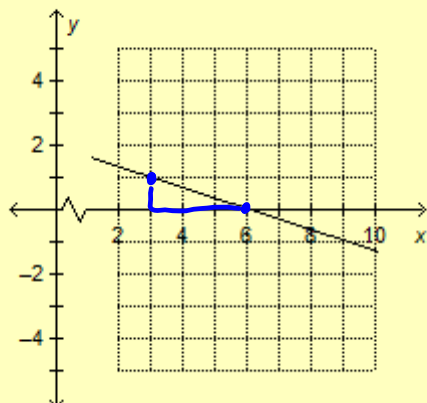


Which equation describes a horizontal line.

- a) $x + y = 6$ *oblique*
- b) $x + 6 = 4$ *vertical*
- c) $-x + y = 0$ *oblique*
- d) $-y + 2 = 5$ *horizontal*

Which equation describes the graph?

- i) $x = 6 + 3y$
- ii) $3y = x + 6$
- iii) $x + 3y = 6$
- iv) $-3y = -x + 6$



$$y = mx + b$$

$$b = 2 \quad m = -\frac{1}{3}$$

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

$$i) \quad x = 6 + 3y$$

$$x - 6 = 3y$$

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

$$iii) \quad x + 3y = 6$$

$$3y = -x + 6$$

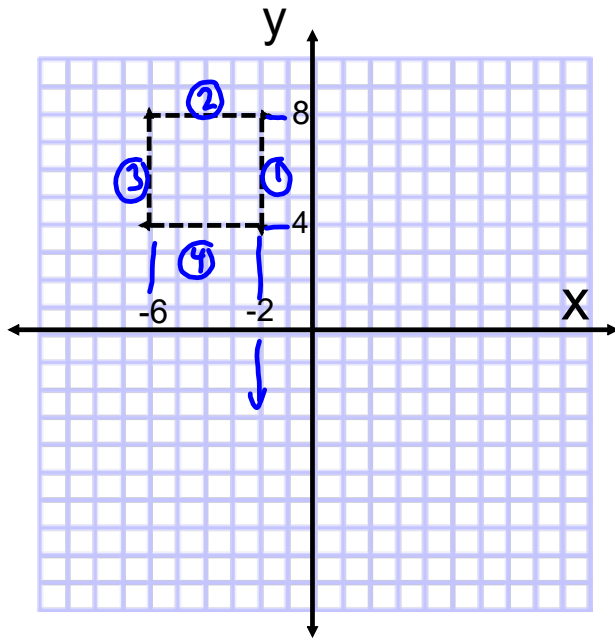
$$y = -\frac{1}{3}x + 2$$

$$ii) \quad \frac{3y}{3} = \frac{x+6}{3}$$

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

$$iv) \quad \frac{-3y}{-3} = \frac{-x+6}{-3}$$

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



Write the equations of the lines around the square.

- ① $x = -2$
- ② $y = 8$
- ③ $x = -6$
- ④ $y = 4$

Homework

Work on the

Review Exercise & Practice Test
pages 201 - 204