

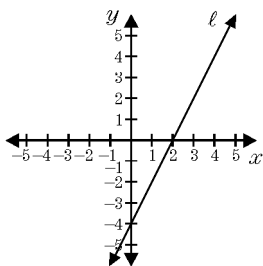
Graphing Linear Equations (Unit 5)

Name: _____

Date: _____

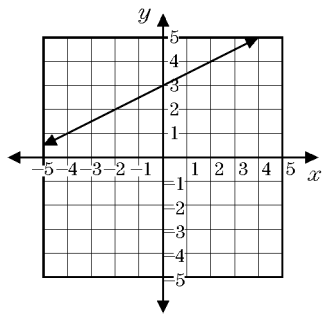
1. Which is an equation for line ℓ in the accompanying diagram?

- A. $y = 2x + 2$
- B. $y = 2x - 4$
- C. $y = -2x - 4$
- D. $y = -2x + 2$



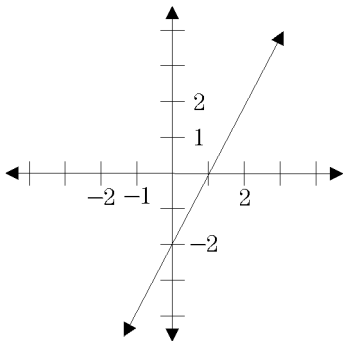
2. Which equation represents line ℓ , shown in the accompanying diagram?

- A. $y = 2x + 3$
- B. $y = \frac{1}{2}x + 3$
- C. $y = 3x + \frac{1}{2}$
- D. $y = 3x + 2$

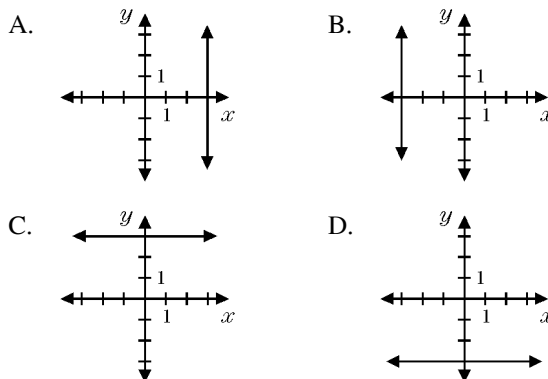


3. What is the equation of the line in the accompanying graph?

- A. $2y = x - 2$
- B. $y = \frac{1}{2}x + 1$
- C. $y = -2x - 2$
- D. $y = 2x - 2$

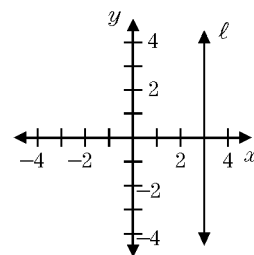


4. Which graph represents the equation $x = -3$?



5. In the accompanying diagram, which is an equation of line ℓ ?

- A. $y = 3$
- B. $x = 3$
- C. $x + y = 3$
- D. $x - y = 3$



6. Graph an equation with a slope of -2 and a y -intercept of 3 .

7. Write and graph an equation of the line whose slope is 2 and whose y -intercept is -3 .

8. Graph the equation of a line whose slope is -4 and whose y -intercept is 5 .

9. Write and graph the equation of the line that passes through the point $(1, 4)$ and has a slope of 3 ?

10. Write and graph the equation of the line that passes through the point $(5, -2)$ and has a slope of -3 .

11. Write and graph the equation of the line that passes through the point $(0, -1)$ and whose slope is 2 .

12. Write and graph the equation of the line that passes through the point $(0, 3)$ and whose slope is 2 .