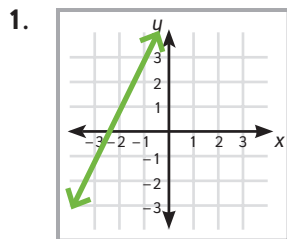


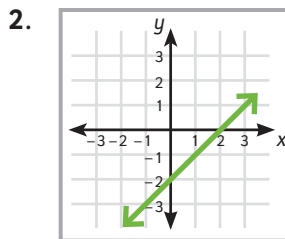
Homework

Activity 1

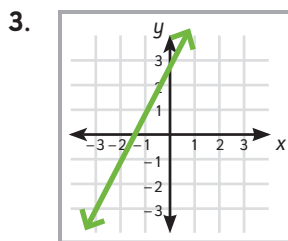
Identify the y -intercept for each graph.



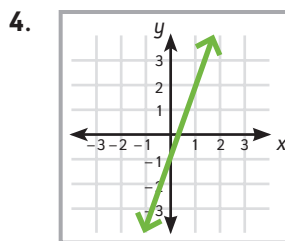
- (a) (0, 0)
- (b) (0, 2)
- (c) (0, 5)
- (d) (0, 10)



- (a) (0, 2)
- (b) (0, -2)
- (c) (-2, 2)
- (d) (-2, 0)



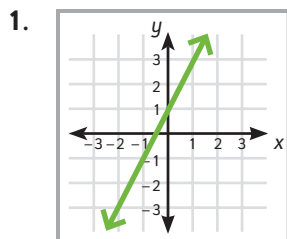
- (a) (0, 3)
- (b) (3, 0)
- (c) (2, 3)
- (d) (3, 2)



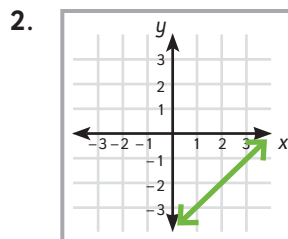
- (a) (0, 1)
- (b) (0, -1)
- (c) (1, 0)
- (d) (-1, 0)

Activity 2

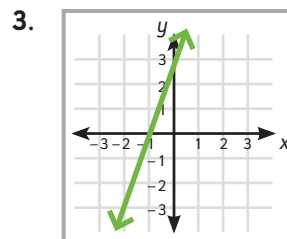
Look at the graphs. Select the equation that matches each function. Use your knowledge of slope and steepness to help you.



- (a) $y = x + 1$
- (b) $y = 2x + 1$
- (c) $y = 3x + 1$
- (d) $y = 4x + 1$



- (a) $y = x$
- (b) $y = x - 1$
- (c) $y = x - 2$
- (d) $y = x - 4$



- (a) $y = 3x + 3$
- (b) $y = 2x + 3$
- (c) $y = x + 3$
- (d) $y = -x + 3$



Homework

Activity 3

Tell which line is steeper by comparing slopes. Write a or b on your paper.

- Which line is steeper?
(a) $y = x$
(b) $y = \frac{1}{2}x$
- Which line is steeper?
(a) $y = 3x$
(b) $y = x$
- Which line is steeper?
(a) $y = 5x$
(b) $y = 2x$
- Which line is steeper?
(a) $y = \frac{2}{3}x$
(b) $y = 2x$

Activity 4 • Distributed Practice

Solve.

- $-3 + 2 \cdot -8 + 100$
- $5^2 - (8 + 2) \cdot 2$
- $100 \div 50 + 7 - 4$
- $100 \div 5^2 + 7 - 4$
- $20 \cdot 8 \cdot 0 - 100$
- $-15 + -30 - -8 \cdot 10$
- $24 \div (8 - 4) + -12$
- $-8 \cdot -8 \div 32 + (2 - 9)$