

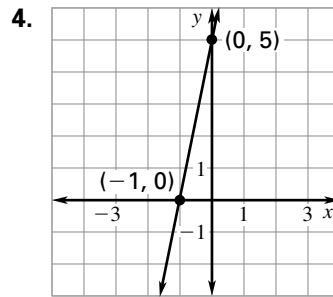
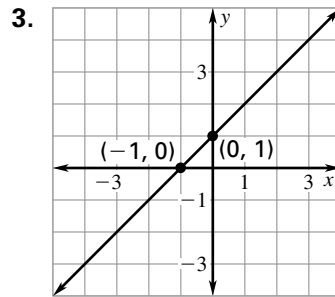
Chapter Test A

For use after Chapter 5

In Questions 1 and 2, write an equation of the line in slope-intercept form.

- The slope is -5 ; the y -intercept is 7 .
- The slope is 10 ; the y -intercept is -3 .

Write an equation of the line shown in the graph.

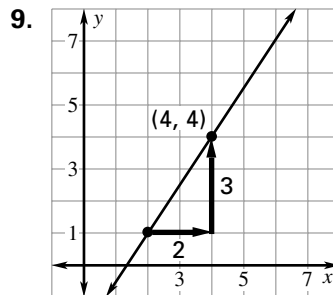
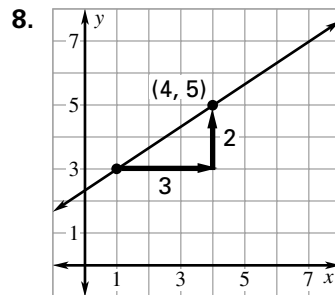


- Write a linear equation to model the situation. You borrow \$70 from your brother. To repay the loan, you pay him \$7 per week.

Write an equation of the line that passes through the point and has the given slope. Write the equation in slope-intercept form.

- $(3, 0)$, $m = -2$
- $(1, 2)$, $m = 2$

Write an equation of the line shown in the graph.



Write an equation of the line that is parallel to the given line and passes through the given point.

- $y = x + 3$, $(5, 0)$
- $y = 2x + 3$, $(-4, 1)$

Answers

- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____

Chapter Test A

For use after Chapter 5

Write an equation in slope-intercept form of the line that passes through the points.

12. $(-4, 2), (1, -1)$ 13. $(-2, -1), (3, 5)$
14. Write an equation of a line that is perpendicular to $y = 2x + 3$ and passes through $(3, 4)$.

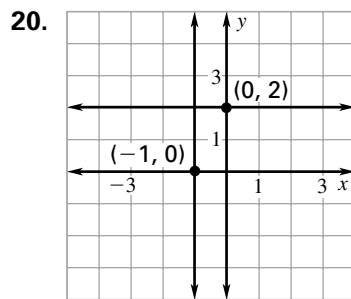
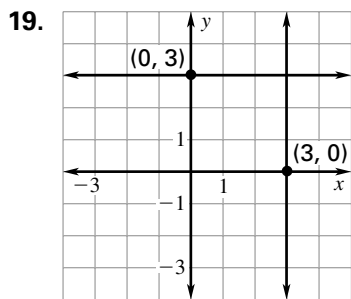
Write an equation in point-slope form of the line that passes through the given points.

15. $(-3, -4), (3, 4)$ 16. $(-5, -4), (7, -5)$

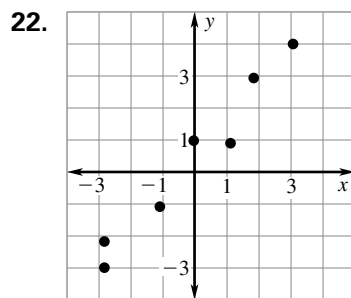
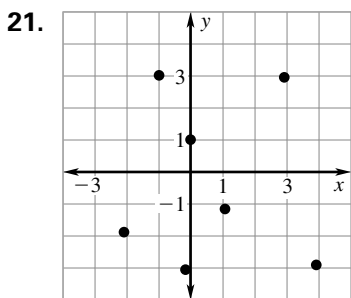
Write the equation in general form with integer coefficients.

17. $5x - y + 6 = 0$ 18. $y = -3x + 9$

Write the equations in general form of the horizontal and vertical lines.



Tell whether it is reasonable for the graph to be represented by a linear model.



12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____
21. _____
22. _____