

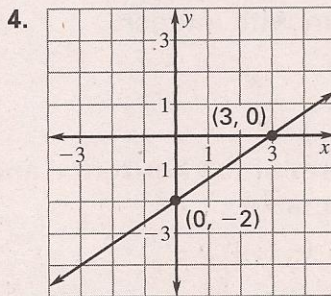
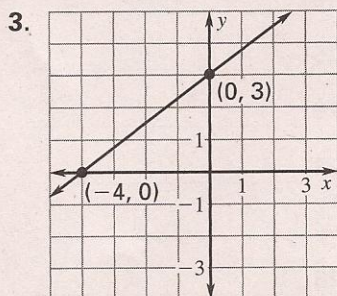
Chapter Test B

For use after Chapter 5

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

- The slope is -3 ; the y -intercept is 5 .
- The slope is 4 ; the y -intercept is 0 .

Write an equation of the line shown in the graph.

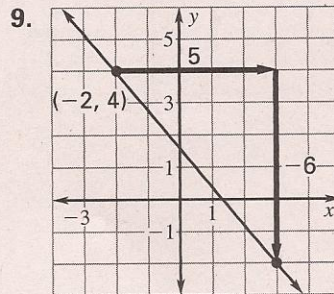
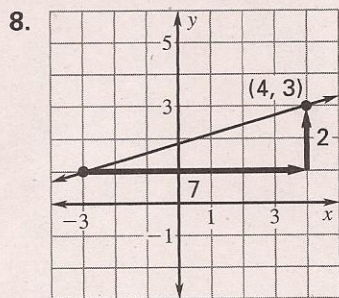


- Write a linear equation to model the situation. You have walked 4 miles on a trail. You continue to walk at a rate of 3 miles per hour for 5 hours.

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

- $(3, 2)$, $m = \frac{1}{2}$
- $(-3, 2)$, $m = \frac{1}{2}$

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.

- $y = -3x + 2$, $(2, 3)$
- $y = \frac{1}{2}x - 5$, $(-3, -1)$

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

- $(-5, 3)$, $(4, -5)$
- $(-\frac{1}{2}, -1)$, $(3, \frac{5}{2})$

Answers

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