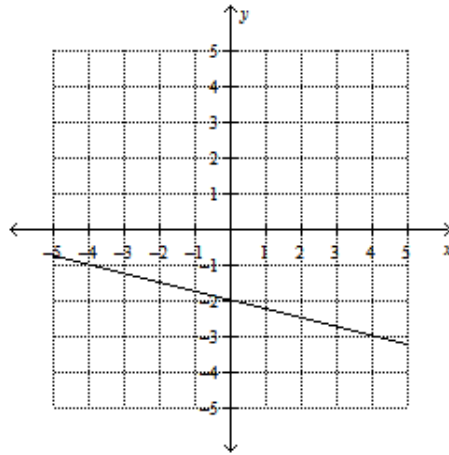


Algebra Chapter 5 Test Review

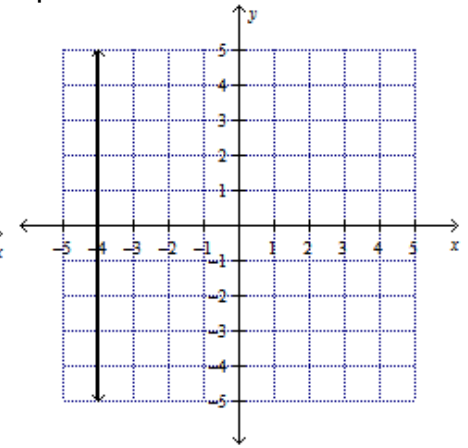
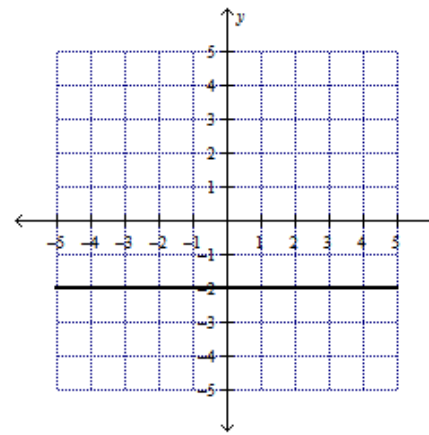
1. a) Find the slope of line formed by the points (3, -9) and (-6, 8).

b) **Find the slope of the line.**



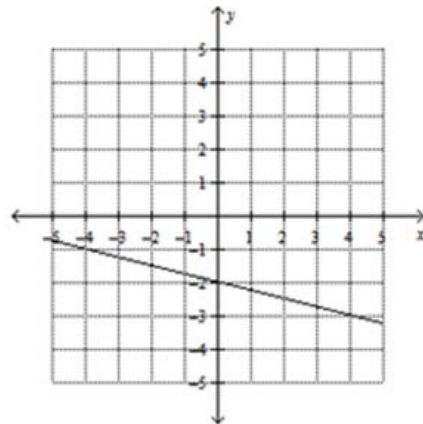
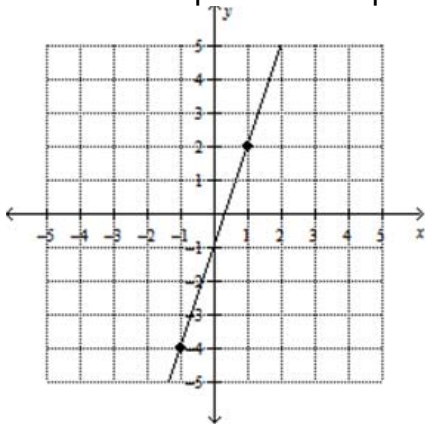
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2. Find the slope and write the equation of each line below.



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3. Write an equation in slope-intercept form for each line.



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4. Transform each line into slope-intercept form.

a)  $5x - 6y = -18$

b)  $y - 3 = -2(x - 4)$

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Algebra Chapter 5 Test Review

5. a) Write the equation of the line that is perpendicular to the line  $y = -3x + 5$  and passes through the point  $(3, 2)$ .

b) Write the equation of the line that is parallel to the line  $4x - 2y = 14$  and passes through the point  $(1, -10)$

6. Find the solution to the system of equations by graphing.

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

