

QUIZ will be: \_\_\_\_\_

Name: \_\_\_\_\_

Period: 1 2 3 4 5 6 7 8

## Geometry - Algebra Review PRACTICE Quiz

\_\_\_\_\_ LT 1: I can graph points on a coordinate plane and find the slope between two points.

\_\_\_\_\_ LT 2: I can graph linear equations and write an equation when given the graph.

\_\_\_\_\_ LT 3: I can solve a system of linear equations.

☆ LT 1: I can graph points on a coordinate plane and find the slope between two points.

Write the coordinates of each point.

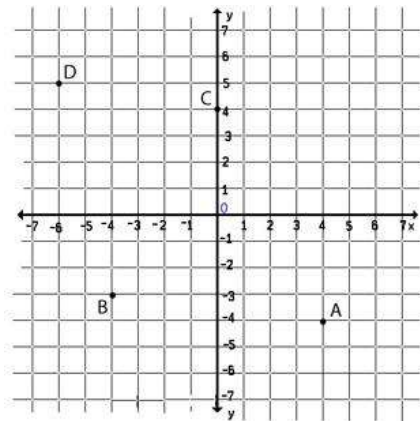
1. A

2. D

Graph the following points:

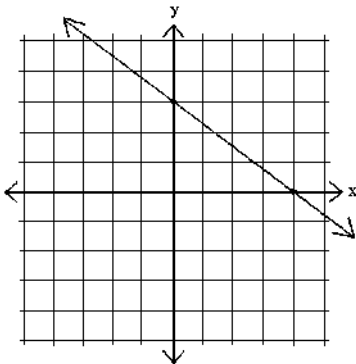
3. E (6, 5)

4. G (-4, 2)



Find the slope, given the following information. (Assume a scale of 1) Remember to simplify.

5.



Slope:

6. Use the slope formula to find slope:

(2, -5) and (-3, -7)

Slope:

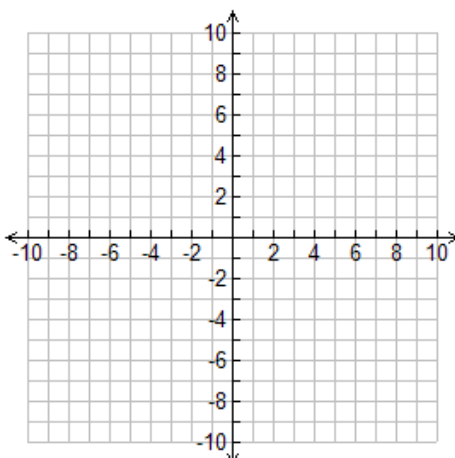
☆ LT 2: I can graph linear equations and write an equation when given the graph.

Find the slope and y-intercept of each equation. Then graph.

7.  $x + 3y = 12$

Slope:

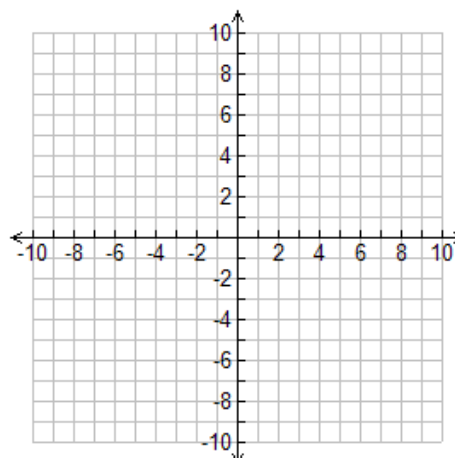
y-intercept:



8.  $y = 5x - 3$

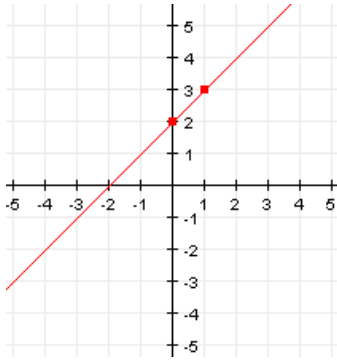
Slope:

y-intercept:



Write the equation of each line in slope-intercept form.

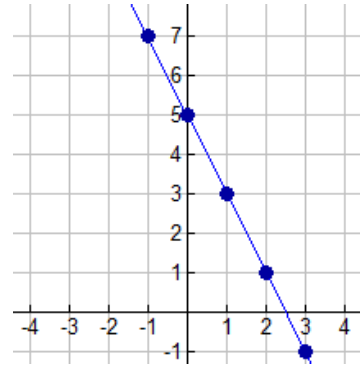
9.



Slope:            y-intercept:

Equation:

10.



Slope:            y-intercept:

Equation:

☆ \_\_\_\_\_ LT 3: I can solve a system of linear equations.

Use any method to solve the following systems of linear equations.

11.  $y = 2x + 1$   
 $4x + 5y = -9$

12.  $x - 2y = 10$   
 $3x + 2y = 6$

13.  $-x + 9y = -14$   
 $x + 10y = -5$

14.  $3x - 2y = 5$   
 $x = 4y - 5$