

Warm Up 2.8

Name \_\_\_\_\_ Period \_\_\_\_\_

Find the x- and y-intercepts for the equations below.

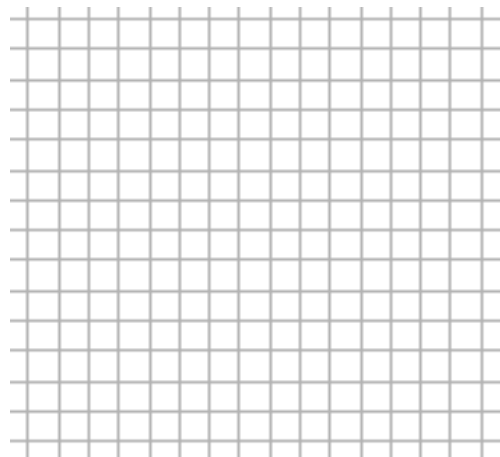
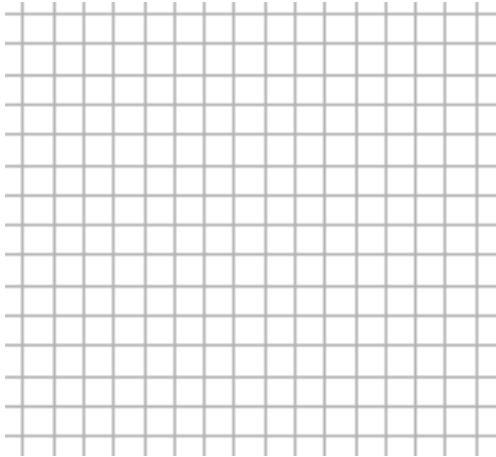
1.  $4x + 8y = 16$

2.  $-6x - 2y = 6$

Solve the following systems of equations by graphing them and determining the solution from the graph.

3. 
$$\begin{cases} y = -2x + 3 \\ y = 4x - 3 \end{cases}$$

4. 
$$\begin{cases} y = \frac{1}{2}x - 2 \\ y = -x + 4 \end{cases}$$



For the inequality determine which of the choices is a solution, there could be more than one.

5.  $y < -2x + 7$

- a. (0, 2)
- b. (3, 5)
- c. (4, 0)
- d. (-3, 15)

Rearrange the following equation into standard form, pick the correct form below:

6.  $y = 2x + 5$

- a.  $4x + 2y = 10$
- b.  $4x - 2y = 10$
- c.  $-4x + 2y = 10$
- d.  $-4x - 2y = 10$