

<b>READY, SET, GO!</b>	<b>Name</b>	<b>Period</b>	<b>Date</b>
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**READY**

Topic: Determining points that are solutions to a system of equations.

**Three points are given. Each point is a solution to at least one of the equations. Just one point satisfies both equations. (This is the solution to the system!) Find and justify which point is a solution to both equations. Also justify which points are not solutions.**

1.  $\begin{cases} y = 2x - 3 \\ y = -x + 3 \end{cases}$
- a. (-2, 5)
  - b. (2, 1)
  - c. (4, 5)

2.  $\begin{cases} y = 3x + 3 \\ y = -x + 3 \end{cases}$
- a. (-1, 0)
  - b. (6, -3)
  - c. (0, 3)

3.  $\begin{cases} y = 2 \\ y = -4x - 6 \end{cases}$
- a. (7, 2)
  - b. (2, -14)
  - c. (-2, 2)

4.  $\begin{cases} y = 2x + 4 \\ x + y = -5 \end{cases}$
- a. (1, 6)
  - b. (-3, -2)
  - c. (-3, 2)

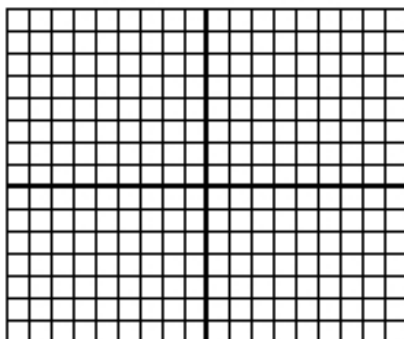
**SET**

Topic: Graphing linear equations written in standard form

**Graph the following equations by finding the x-intercept and the y-intercept.**

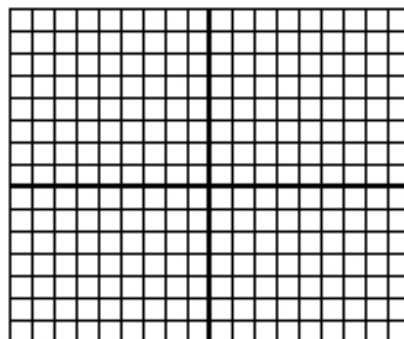
5.  $5x - 2y = 10$

x-intercept:                      y-intercept:



6.  $3x - 6y = 24$

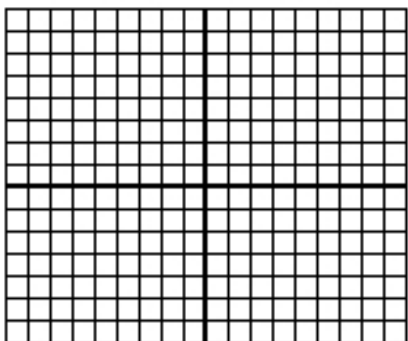
x-intercept:                      y-intercept:



7.  $6x + 2y = 18$

x-intercept:

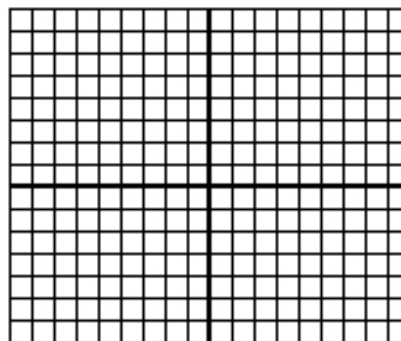
y-intercept:



8.  $-2x + 7y = -14$

x-intercept:

y-intercept:



**GO**

Topic: Adding and multiplying fractions

**Add. Reduce your answers but leave as improper fractions where applicable.**

9.  $\frac{3}{4} + \frac{1}{8}$

10.  $\frac{3}{5} + \frac{7}{10}$

11.  $\frac{2}{3} + \frac{1}{4}$

12.  $\frac{4}{7} + \frac{8}{21}$

**Multiply. Reduce your answers but leave as improper fractions where applicable.**

13.  $\frac{3}{4} \times \frac{2}{9}$

14.  $\frac{4}{7} \times \frac{7}{10}$

15.  $\frac{5}{4} \times \frac{2}{9}$

16.  $\frac{3}{7} \times \frac{8}{21}$