# Ready, Set, Go!



## Ready

Topic: Determining points that satisfy equations and solving systems of equations

**Three points are given. Each point is a solution to at least one of the equations. Find the point that satisfies both equations. (This is the solution to the system!) Justify that the point is a solution to both equations and that the others are not.**

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)

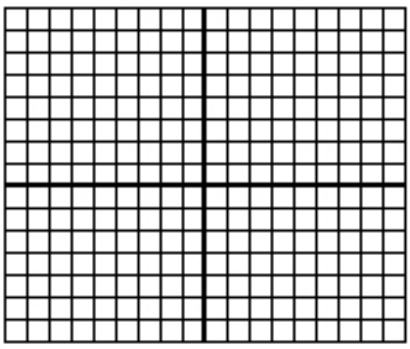
4. $\begin{cases} y = 2x + 4 \\ x + y = -5 \end{cases}$
   a. (1 , 6)
   b. (-3 , -2)
   c. (-3 , 2)

## Set

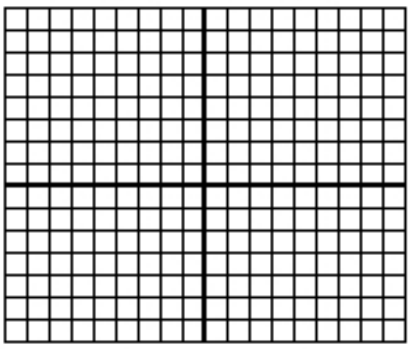
Topic: Graphing linear equations from standard form using intercepts

**Graph the following equations by finding the intercepts.**

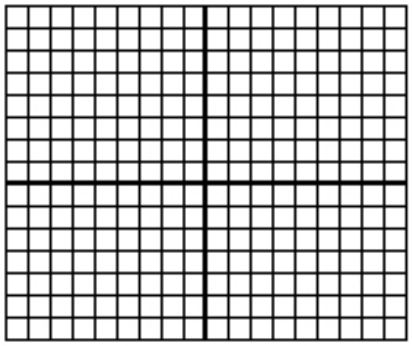
5. $5x - 2y = 10$



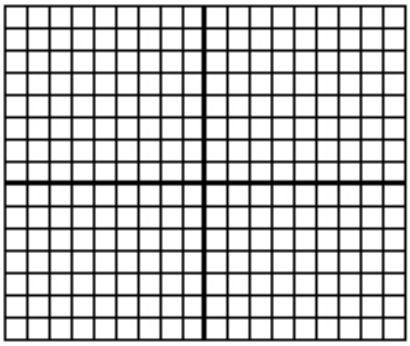
6. $3x - 6y = 24$



7. $6x + 2y = 18$



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



## Go

Topic: Adding and multiplying fractions

**Add. Reduce your answers but leave as improper fractions when 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 when 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. $\frac{3}{7}\times\frac{8}{21}$

Need help? Check out these video lessons.

http://www.youtube.com/watch?v=cuNpXve18Pc

http://www.youtube.com/watch?v=6zixwWZ88tk

http://www.youtube.com/watch?v=oHNR0FK_lDE