

READY, SET, GO!	Name	Period	Date
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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)

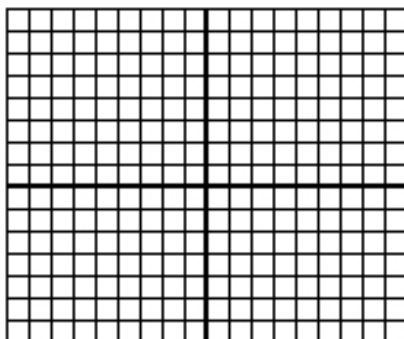
SET

Topic: Graphing linear equations written in standard form

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

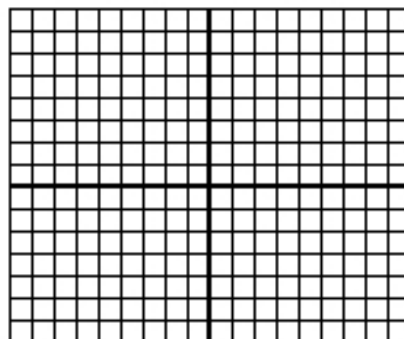
5. $5x - 2y = 10$

x-intercept: y-intercept:



6. $3x - 6y = 24$

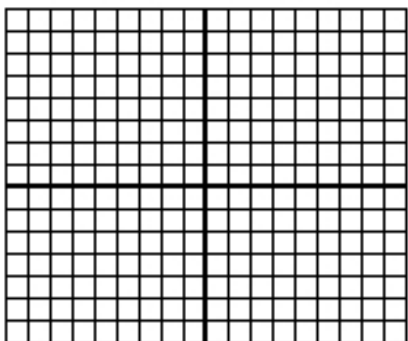
x-intercept: y-intercept:



7. $6x + 2y = 18$

x-intercept:

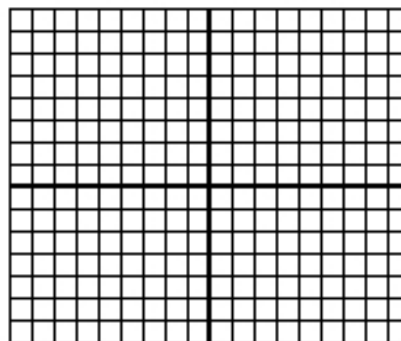
y-intercept:



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