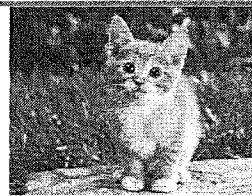


Name: _____

Systems | 2.3

Ready, Set, Go!



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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. $(-3, 2)$

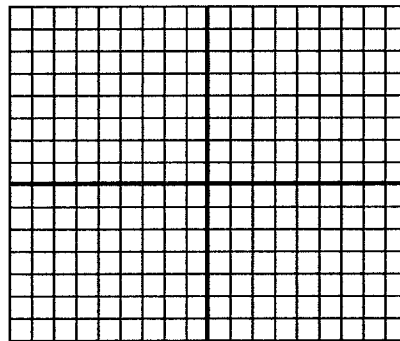
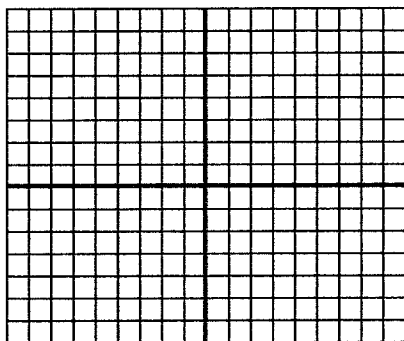
Set

Topic: Graphing linear equations from standard form using intercepts

Graph the following equations by finding the intercepts.

5. $5x - 2y = 10$

6. $3x - 6y = 24$



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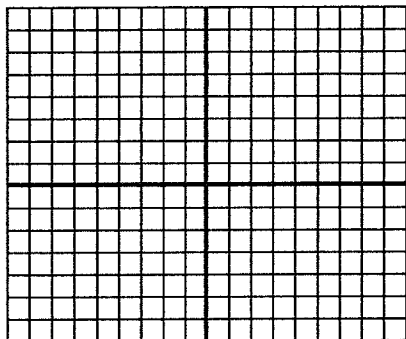
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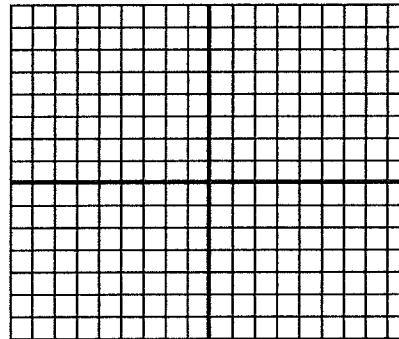
Name: _____

Systems | 2.3

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=oHNR0FK1DE>

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