

Tuesday, February 12, 2019

- Warm-up
 - Solve the given system using graphing, tables, elimination & substitution. Demonstrate each way on your paper (you can use Monday's space as well).

$$\begin{cases} x + y = 6 \\ -3x + y = 2 \end{cases}$$

- Review

Objectives:

Content: I will demonstrate what I know about systems of equations through the unit 5 post-test.

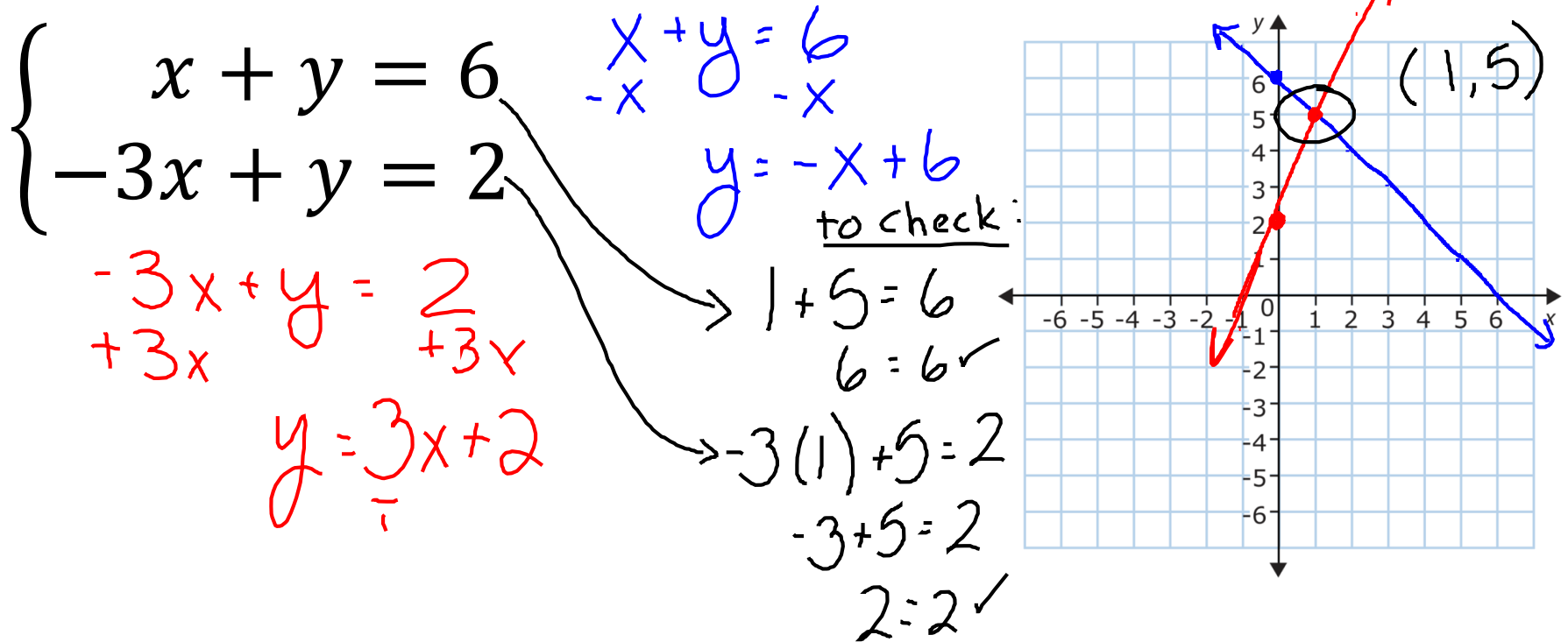
Social: I will be part of a conducive testing environment.

Language: I will read questions carefully and answer them to the best of my ability.

By Graphing

- Warm-up

- Solve the given system using graphing, tables, elimination & substitution. Demonstrate each way on your paper.



Objectives:

Content: I will practice solving systems of equations in preparation for the test..

Social: I will use my time wisely.

Language: I will read questions carefully and answer them to the best of my ability.

By Tables

$Y =$

put
in
equations

Table
Graph

- Warm-up

- Solve the given system using graphing, tables, elimination & substitution. Demonstrate each way on your paper.

$$\begin{cases} x + y = 6 \rightarrow y_1 = -x + 6 \\ -3x + y = 2 \end{cases}$$

$$y_2 = 3x + 2$$

X	Y
0	6
1	5
2	4

X	Y
0	2
1	5
2	8

this is
where they match 😊

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By Substitution (if quadratics) * "algebraic"

- Warm-up

- Solve the given system using graphing, tables, elimination & substitution. Demonstrate each way on your paper.

$$\begin{cases} x + y = 6 \\ -3x + y = 2 \end{cases}$$

another way to substitute

$$y = -x + 6$$

$$y = 3x + 2$$

$$-3x + (-x + 6) = 2$$

$$\begin{array}{r} -3x + (-x + 6) = 2 \\ \underline{-3x - x + 6 = 2} \\ -4x + 6 = 2 \\ \underline{-4x = -4} \\ x = 1 \end{array}$$

$$y = -(1) + 6$$

$$y = 5$$

$$\begin{array}{r} -x + 6 \\ + x - 2 \\ \hline 4 = 4x \\ \frac{4}{4} = \frac{4x}{4} \\ 1 = x \end{array}$$

Objectives:

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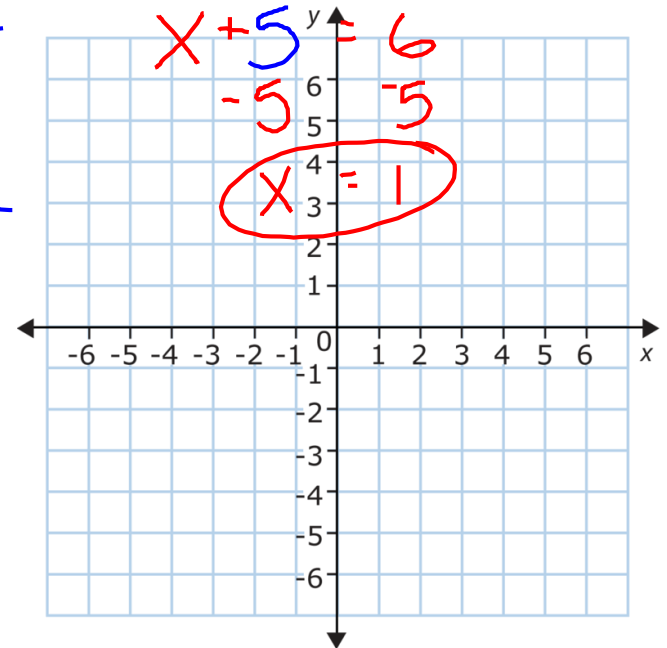
Language: I will read questions carefully and answer them to the best of my ability.

• Warm-up **By Elimination**

- Solve the given system using graphing, tables, elimination & substitution. Demonstrate each way on your paper.

$$\begin{cases} x + y = 6 \\ -3x + y = 2 \end{cases}$$

$$\begin{array}{r} 3x + 3y = 18 \\ -3x + y = 2 \\ \hline 4y = 20 \\ \frac{4y}{4} = \frac{20}{4} \\ y = 5 \end{array}$$



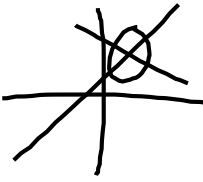
Objectives:

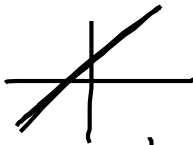
Content: I will practice solving systems of equations in preparation for the test..


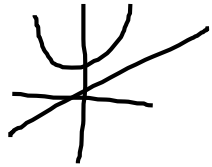
Social: I will use my time wisely.

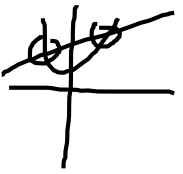
Language: I will read questions carefully and answer them to the best of my ability.

Types of Solutions?

one solution 

infinite solutions 

no solutions  

if quad's \rightarrow maybe 2 solutions 

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Quadratics?

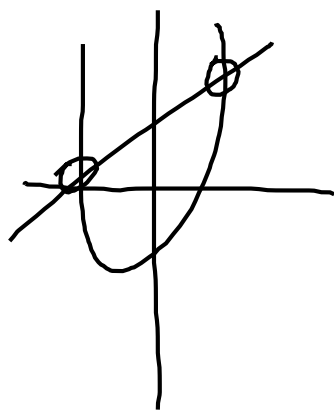
Standard form $\Rightarrow ax^2 + bx + c = 0$

Quadratic Formula
or

* 2 values
for x

Factor to solve

substitute each into
an equation to
get y's



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Reflections From Post Test

Objectives:

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Language: I will read questions carefully and answer them to the best of my ability.

Review

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