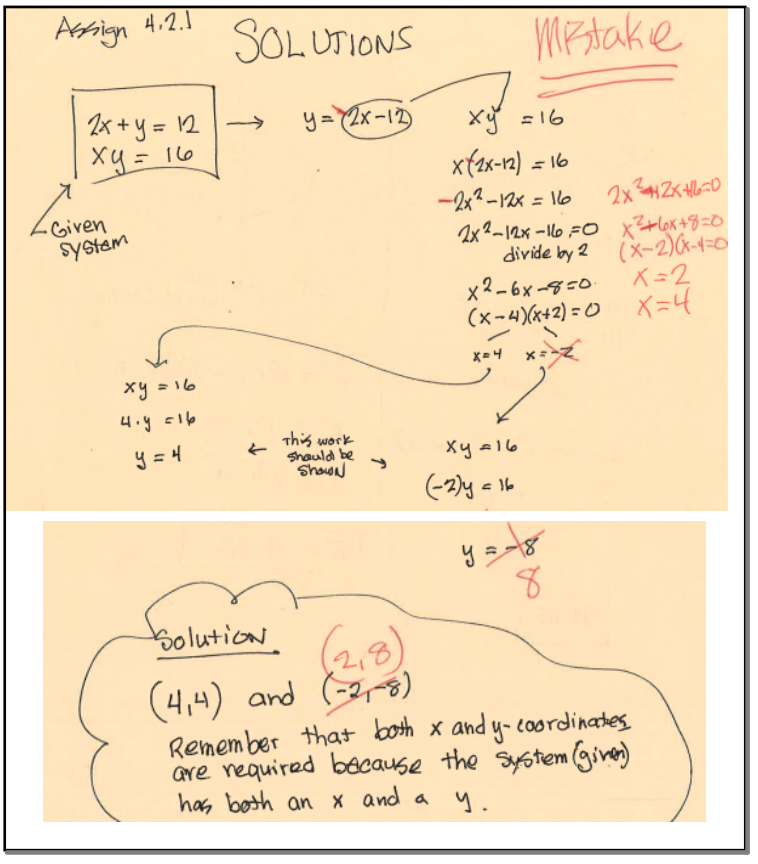
What do you call a chicken who is staring at lettuce?

Nothing to pick up yet.
JUST answer the riddle. ☺

What do you call a chicken who is staring at lettuce?

chicken Caesar Salad



1. Check Your HW — let me know if you have quesitons

2. Then Pick Up the Warm Up

Reminder : Ch.4 Test Wed.

HW
Questions remaining?

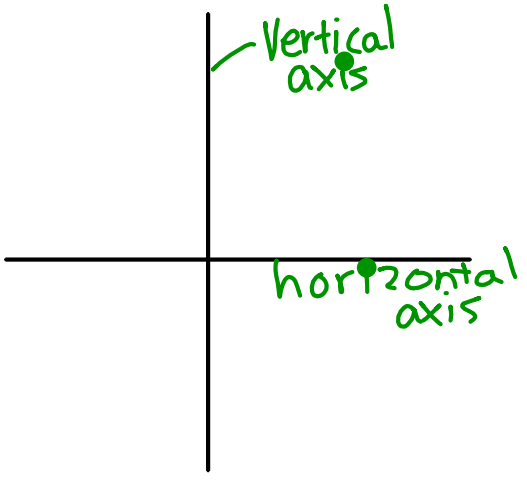
83 $x + 2y = 4$
$2x - y = -7$
$x + y + z = -4$

4e $3x\left(\frac{5}{x}\right) + 3x\left(\frac{1}{3x}\right) = 3x\left(\frac{4x}{3}\right)$

$x\left(\frac{15}{x}\right) + x\left(\frac{1}{x}\right) = x(4x)$

$15 + 1 = 4x^2$

88



$\frac{1}{3}(3x-6)^3 + 4 = 13$

- $\frac{1}{3}(3x-6)^3 = 9$

$\sqrt[3]{(3x-6)^3} = \sqrt[3]{27}$

$3x-6 = 3$

$3x = 9$

$x = 3$

$(x-5)^3$

$x^2 - 25$

$(x-5)(x-5)(x-5)$

$\frac{1}{3}(3x-6)^3 + 4 = 13$

$-4 \quad -4$

$\frac{1}{3}(3x-6)^3 = 9$

$(3x-6)^3 = 27$

$\sqrt[3]{} \qquad \sqrt[3]{}$

$3x-6 = 3$

$3x = 9$

$\left(\sqrt[3]{2x-1}\right)^3 = (2)^3$

$2x - 1 = 8$

$+1 \quad +1$

$\frac{2x}{2} = \frac{9}{2}$

$x = 4.5$

and two "mini quadratic equations

$w^2 + 4w = 0$

$w(w+4) = 0$

$w = 0$

$w + 4 = 0$

$\hookrightarrow w = -4$

$r^2 = 6r$

$-6r \quad -6r$

$r^2 - 6r = 0$

$r(r-6) = 0$

$r - 6 = 0$

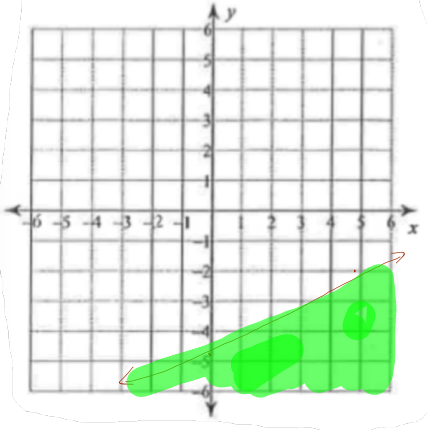
$+6 \quad +6$

$r = 6$

$r = 0$

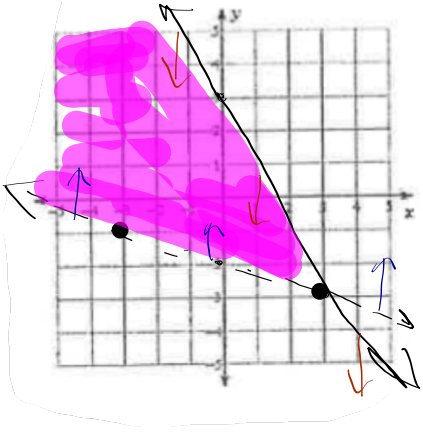
$x^2 = 49$

$y \leq \frac{3}{5}x - 5$



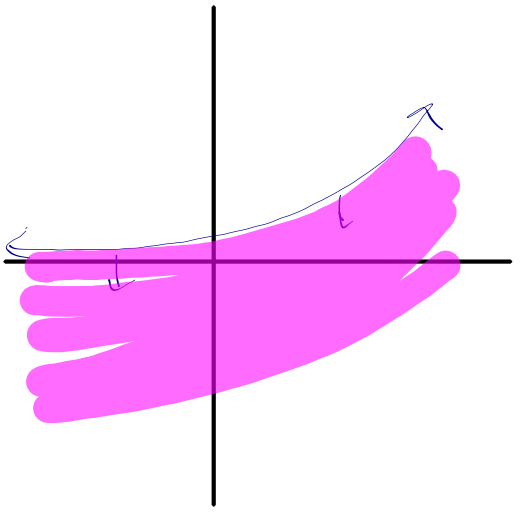
$y \leq -2x + 3$

$y > -\frac{1}{3}x - 2$



$y \leq 2^x$

- $y = 2^x$
- Sketch one boundary line first, Test above or below



Wednesday's Test

On the equation solving on the front page:

You have the ability to quickly check solutions using your calculator (store answer)

Now that you are almost finished with the first trimester of Algebra 2.... you should be showing all final solutions to equations

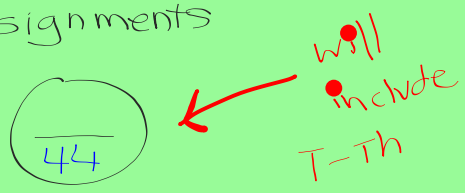
like this: $x = \frac{3}{7}$

not this: $\frac{3}{7} = x$ 

$$\sqrt{2x+7}^{2} + 4^{2} = x^{2}$$ 

$$\sqrt{2x+7} + 4 = x^{2}$$

After today's review assignment there will be 11 assignments for the Chapter.



Turn in Friday

(20% penalty if not)

Today:

- A review activity to help consolidate learning
- Start Review Problems for Wednesday's test.

The short review activity will force you to use the concepts of the chapter.

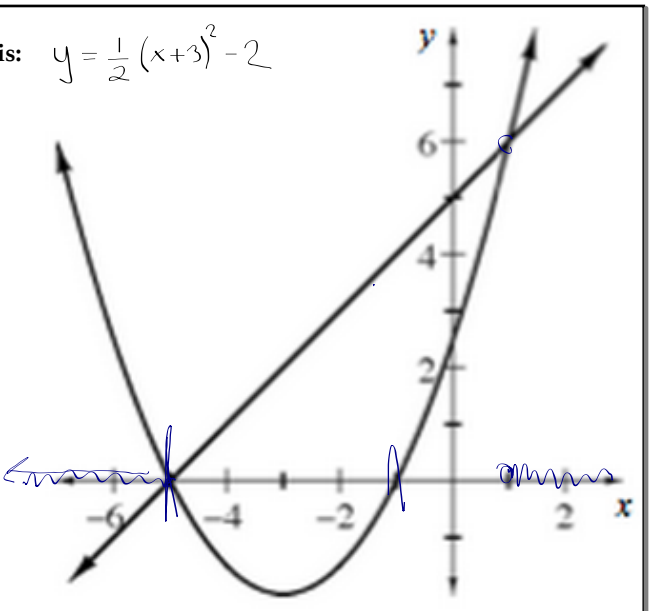
When you see "solve using the graph given", use the graph given. Do not pick up your calculator. Don't try to do any algebra.

When finished, start the review assignment.

Duos

a) **The equation of the parabola is:** $y = \frac{1}{2}(x+3)^2 - 2$

b) **Determine the equation of the line:** $y = x+5$



c. Use your graph to solve $x+5 = \frac{1}{2}(x+3)^2 - 2$.

$x = -5 \quad x = 1$

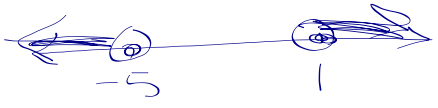
d. Use your graph to solve the system:

$y = \frac{1}{2}(x+3)^2 - 2$

$y = x+5$

$(-5, 0)$ and $(1, 6)$

e. Use your graph to solve the inequality $x+5 < \frac{1}{2}(x+3)^2 - 2$.



$x < -5$ or $x > 1$

f. Use your graph to solve $\frac{1}{2}(x+3)^2 - 2 = 0$.

$x = -1 \quad x = -5$

B.B.

Another Advertisement from around the World

Review Assignment for the Test

106*abc* misc. equation solving

107*ab* Solve systems

108 Write a "system"

110*ab* Solve inequalities

111*a* Write an equation

112*ab* Solve multi-variable equations

113*bcd* Rational Expression Practice from ch. 3

Do 10 or more

The detailed solutions to this assignment will be posted on my blog.