



Pre-Algebra

A-Block

A

Agenda:

- Graphing Equations and Intercepts
- Notebook check Thursday

To Do Now:

- Everything under your desk...you have a quiz
- Take out the Graphing Packet and start at the beginning. You may work in pairs...as long as you are working...

Homework:

Nov 4-10:28 AM



Intro to-Algebra

Agenda:

- Exponents/Radicals
- Test tomorrow...NOT today....
- Notebook check Thursday

To Do Now:

- Complete Warm up
- Have your homework on your desk (Cumulative Exponents Pract)

Warm Up:

Simplify:

$$\left(\frac{(-3x^2y^{-2}z)^{-1}}{4x^{-3}yz^{-2}} \right) \div \left(\frac{4x^2y}{12x^{-2}y^{-2}} \right)^{-1}$$

Homework:

Study???

Nov 4-10:28 AM



Advanced Algebra

Agenda:

- Quadratic equations as graphs
- Test on Quadratic Word Problems Tuesday
- Notebook check Thursday

To Do Now:

- Complete Warm Up
- Have homework out (Geometric Word Problems)

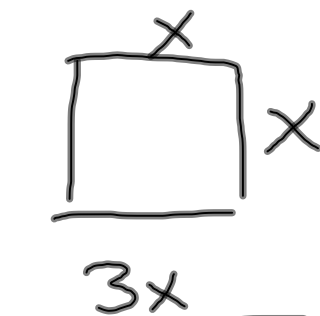
Warm Up:

What is the point of symmetry to the y-intercept of $y = 3x^2 - 5x + 6$?

Homework:

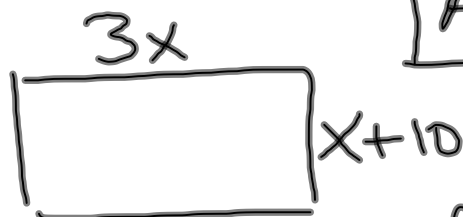
Test Tuesday

Nov 4-10:28 AM



$x = \text{LENGTH OF SIDE OF SQUARE}$

$$\boxed{\text{AREA} = x^2}$$



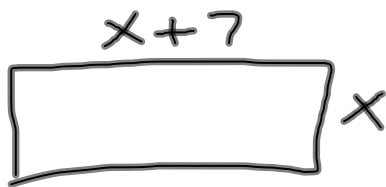
$$\boxed{\text{AREA} = 3x(x+10)}$$

$\Rightarrow \frac{\text{AREA OF RECTANGLE}}{3x(x+10)} = \text{SIX TIMES AREA OF SQUARE}$

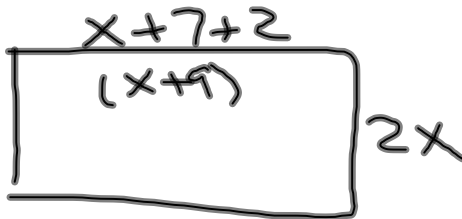
$$3x(x+10) = 6x^2$$

Mar 31-2:02 PM

#3

 $x = \text{WIDTH}$

$$\text{AREA} = x(x+7)$$

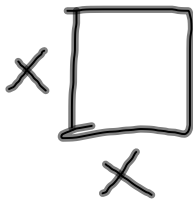
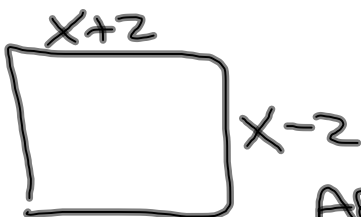


$$\text{AREA} = (2x)(x+9)$$

$$\text{AREA OF 1}^{\text{ST}} \text{ RECT} + 42 = \text{AREA OF 2}^{\text{ND}} \text{ RECT}$$

Apr 4-12:50 PM

#4

 $x = \text{SIDE OF SQUARE}$ 

$$\text{AREA OF RECT} = (x-2)(x+2)$$

AREA OF RECT EQUALS 32

$$(x-2)(x+2) = 32$$

$$x^2 - 4 = 32$$

$$x^2 = 36$$

$$x = \pm 6$$

$$x = 6$$

Apr 4-12:54 PM

Attachments

Exponents 2.edc

Patterns 3.edc