Questions	Name: Jazmin Veer-Hunt Class: AUID11 Page # _____ Period: 2 Date: February 5, 15 Topic Shaded Area Ess Q How do you find the shaded region?

1. Can learning this help me do better on the ACT?
2. Can shaded area help me in life?

Main Ideas:	Notes:
Example 1	In the figure, CP is a radius of the circle with center P and DEFG is a square. What is the area of the shaded region in terms of p? A) $196-49p$, B) $196-14p$, C) $49-49p$, D) $98-49p$, E) $49-14p$
Area of square	Area of a square Area = Length • width
	Each side of the square is twice the radius. radius = 7 • 2 = 14 the length of the side of the square = 14.
Area of circle	$A = 14 \cdot 14$ $A = 196$ Area on the circle = $A = pr^2$ $A = (7)^2 = 49p$
	Answer is A) $196-49p$

Summary: ***Please include***: Big Ideas; All Key Details; Link To New Thinking

0 out of 3 ~ 0% ~ Needs improvement

To solve for the shaded region of a space it is first wise to find the areas. The Area of a square is base • height, and the circle $A = pr^2$. The radius of the circle is twice the size as the length of the square.

Questions

1. What is the easists way to solve a function?
2. what does f(x) mean?

Name: Sara Hyde
Class: Avid
Page #
Period: 2
Date: 2.5.14
Topic Method test prep
Ess Q How do you solve the functions?

Main Ideas:	Notes:
Functions:	Has 3 parts; a name, an input, & a formula. Ex: $f(x)=x+3$
Key	· f is the name of the function · (x) is the value of x, which is the input · x+3 is the formula. The value of x will ~~th~~ be plugged in here.
Ex: 1	$g(x)=2x^2-3x+3$, what is the value of $g(5)$? $g(5)=2(5)^2-3(5)+3=\boxed{38}$
Tip	f(x)= f(g), f(!), f(Q), ect.

Summary: ***Please include***: Big Ideas; All Key Details; Link To New Thinking

Today I got 2 of 3. I got this because I miscalculated the problem. Next time I will be more careful calculating.

Questions

1.

2.

Name: Katie Galbaugh

Class: AVID

Page # _____ Period: 2

Date: 2-5-15

Topic Method test Prep

Ess Q How will Method test prep increase My ACT Score?

Main Ideas:	Notes:
Proportions:	The hardest part of a proportions questions is being able to find the three pieces of given information Sometimes they ask for you to find the fourth piece.
Ex.1)	Jean has 3 shirts for every 2 pairs of pants she owns. If she has 18 pairs of pants, how many shirts does she own?
1st way:	First way: $\frac{3 \text{ shirts}}{2 \text{ pairs of pants}} = \frac{x \text{ shirts}}{18 \text{ pairs of pants}}$
2nd way:	Second way: $\frac{3 \text{ shirts}}{x \text{ shirts}} = \frac{2 \text{ pairs of pants}}{18 \text{ pairs of pants}}$
	$3(\text{shirts})(18 \text{ pairs of pants}) = (2 \text{ pairs of pants})(x \text{ shirts})$
	$\frac{54}{2} = \frac{2x}{2}$
	$27 = x$

Summary: ***Please include***: Big Ideas; All Key Details; Link To New Thinking

Today we learned about on Method test prep how to set-up and solve proportions. You can set it up in 2 different ways.

Questions	Name: Taylor Stevens Class: AVID Page # Date: 2-5-15 Period: 2 Topic Method Test Prep Ess Q How does Method Test Prep help me to prepare for the ACT?
1. How do you solve for c? 2. What does a strange symbol usually mean?	

Main Ideas:	Notes:
	Ex 1: For all nonnegative numbers c, let [c] be defined by $[c] = \frac{3\sqrt{c}}{6}$. If [c] = 4, what is the value of c? If [c] = 4 then: Multiply both sides by 6 to get: $3\sqrt{c} = 24$ Divide both sides by 3 to get: $\sqrt{c} = 8$ Now square both sides to get: $c = 64$ Final Answer = $c = 64$ DO NOT BE CONFUSED BY STRANGE SYMBOL QUESTIONS!

Summary: ***Please include***: Big Ideas; All Key Details; Link To New Thinking

If $c = 4$ then you first multiply both sides by 6 to get $3\sqrt{c} = 24$. Then divide both sides by 3 to get $\sqrt{c} = 8$. Finally, square both sides to get your final answer of $c = 64$.

Questions	Name: Jazmin Veer-Hunt
1.	Class: AVID 11
	Page # _____ Period: 7
	Date: January 27
2.	Topic Exponents
	Ess Q How will solving exponents help my comprihenshion on the ACT?

Main Ideas:	Notes:
Important Rules	$(x^3)\times(x^4)=x^7$, $(x^3)^4=x^{12}$
Example 1)	If $m^3\times m^k=m^{13}$ $(m^4)^b=m^8$ then what is $k+b$?
	$m^3\times m^k=m^{13}$ $(m^4)^b=m^8$
	$3+10=13$ $4\cdot 2=8$
	$k=10$ $b=2$
	$10+2=12$
Example 2)	If $d=fg^3$ and $h=kd^3$, what is h in terms of k, f, and g?
	$h=kd^3$ $h=k(fg^3)^3$
	$h=k(f^3g^{12})$

Summary: ***Please include***: Big Ideas; All Key Details; Link To New Thinking

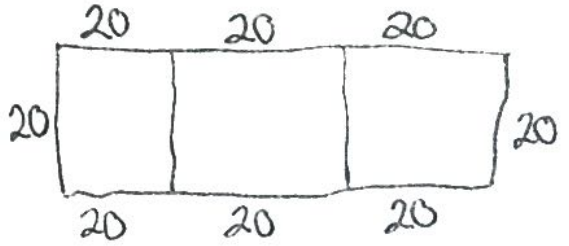
Questions	Name: Tristan Dalby Class: AVID
1.	Page # _____ Period: 2
2.	Date: 1-27-15 Topic Method test Prep Ess Q How will this help raise my act score?

Main Ideas:	Notes;

- add all sides up
* Perimeter

area of a rectangle: base x height b x h

When a rectangle is divided into 3 equal squares each square, each of the 3 parts has a primeter of 80. What is the permiter of the original rectangle?



1. Draw the rectangle
2. Divide 80 into 4 → 80/4=20 20 → 1 square 3.20 .8=160 Mult. by how ever many sides there are.

A) 40
B) 160
C) 180
D) 240
E) 400

B) 160

Summary: ***Please include***: Big Ideas; All Key Details; Link To New Thinking

I learned that b x h stands for the area of a rectangle. I got 3 out of 4 on my test. and I also learned that area is the space that is measured on the inside of the shape. And primeter is the area measured around the outside of the shape