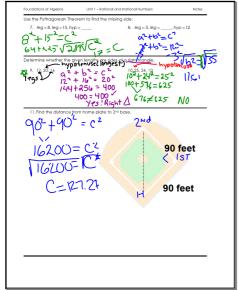
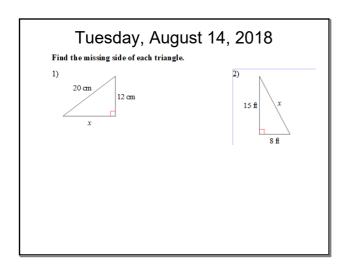


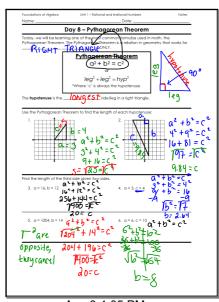
Jul 31-4:26 PM



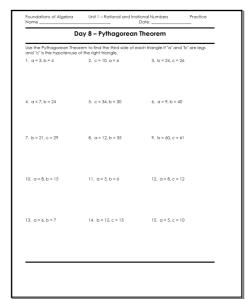
Aug 8-1:05 PM



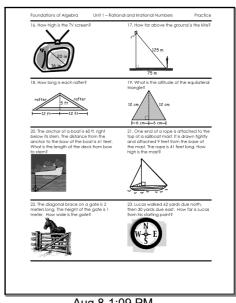
Jul 31-4:26 PM



Aug 8-1:05 PM



Aug 8-1:07 PM



Aug 8-1:09 PM

Wednesday, August 15, 2018

- The bottom of a ladder must be placed 3 feet from a wall. The ladder is 10 feet long. How far above the ground does the ladder touch the wall?
- 2. A soccer field is a rectangle 100 meters wide and 130 meters long. The coach asks players to run from one corner to the other corner diagonally across. What is that

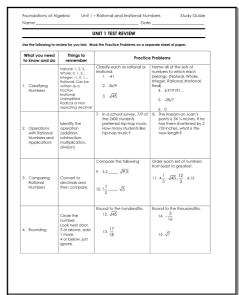
Jul 31-4:26 PM

5. Estimating Radicals	Identify the two perfect squares that the radicand falls between.	16. The √14 lies between which two integers?	 Identify the two integers that the square root is between, then determine which one it is closest to. √51
6. Simplify a Radical	Prime Factor the radicand and look for Pairs.	18. √24x²y²	193x√48x³y⁴
7. Add / Subtract Radicals	You can only add or subtract if the radicand is the same. By to simplify first. Simplify again at the end.	$20. \sqrt{7x^2} - 3\sqrt{7x^2}$	21. 3√18 - √32 + 5√2
8. Multiply Radicals	Multiply Outside by Outside and inside by Inside. Simplify at the end.	223√5 • 2√30	23. (4√3x²)(√6xy)
9. Pythagorean Theorem	a² + b² = c²	24. Find the missing length. a. $\alpha = 5$, $b = 12$ b. $\alpha = 11$, $c = 20$	25. A field hockey field is a rectangle 60 yards by 100 yards. What is the length of the diagonal from one comer of the field to the apposite corner?

Aug 8-1:10 PM

Friday, August 17, 2018 Draw a picture to help you answer the following. You do not have to write the question. A baseball diamond is a square that is 90 feet on each side. What is the distance a catcher has to throw the ball from home to second base?

Jul 31-4:26 PM



Aug 8-1:10 PM

Thursday, August 16, 2018

Solve the word problems that you copied down yesterday.

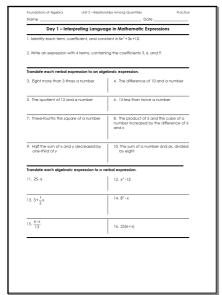
Jul 31-4:26 PM

Day	1 – Interpreting L	anguage in Ma	thematic Expre	ssions	
n	is a mathematical sentence. An equation shows that two things				
re	_ An example of an alg	ebraic equation is: 2	t +10y + 6 = 30.		
un expression contain	ning variables (letters), n	umbers, and operatio	in symbols is called an		
		An example of laebraic Expression	an algebraic expressio	on is: 5x + 7y = 3.	
	^	georaic Expression			
		x - 2 = 5			
		\neg			
		Algebraic Equation	1		
an algebraic expre	assion, there are four diffe	erent party coefficier	ds variables constant	s and terms	
		5x + 7y - 3			
ariables are the lett	ers in an expression.	Coefficients or	e the numbers in front	of the variables.	
5x + 7y - 3		5x + 7y - 3			
=	lain numibers" or terms	Terms are sept and/or variable	arated by a + or – sign	and can be numbers	
Constants are the "pl without variables	iain numbers" or terms $7y = 3$	Terms are septi and/or variable	arated by a + or - sign es <u>5x</u> + <u>7y</u> - 3		
Constants are the "pl without variables		Terms are sept and/or variable	es		
Constants are the "pl without variables		Terms are sept and/or variable	es		
constants are the "pli ithout variables 5x +	7y <u>- 3</u>	Terms are sept and/or variable	es		
Constants are the "pl without variables 5x + Complete the table to Expression	7y <u>- 3</u>	Terms are septiand/or variable	es		
Constants are the "pil without variables 5x + Complete the table to Expression 2x + 5z - 3	7y <u>- 3</u>	and/or variabl	5x + 7y - 3	<u> </u>	
Constants are the "pillhout variables 5x + Complete the table to Expression 2x + 5z - 3	7y <u>- 3</u>	and/or variabl	5x + 7y - 3	<u> </u>	
Constants are the "pil without variables 5x + Complete the table to Expression 2x + 5z - 3	7y <u>- 3</u>	and/or variabl	5x + 7y - 3	<u> </u>	

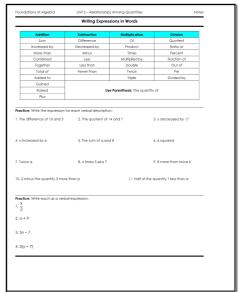
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Additional Mathematics Vocabulary					
An Exponent is representative of the number of times you					
The Base is a numbe	er or variable that has been raised to a				
Example: 2	1				
Like Terms are terms	s that have the same raised to the	ne same			
Examples:	-3p and 6p 5x ³ and 93x ³ 1 and 4 (these are both constants)				
Factors are	and/or that are io	eing multiplied together to get a product.			
Example:	Factors of 6 are: 1 and 6 \underline{or} 2 and 3 Factors of 9xy are: and [y = 3] Factors of $(x + 2)(y - 3)$ are: $(x + 2)$ and $(y - 3)$ Factors of $3(z - 9)$ are: and	d			
Simplify inside po Take care of exp In order from left In order from left					
P - Parenthesis E - Exponents MD - Multiplication of AS - Addition or Sub	or Division	Core m) year goin you,			
Example: Solve the t	following using the Order of Operations.				
	5-3(2+1)2+4				

Aug 8-1:15 PM



Aug 8-1:16 PM



Aug 8-1:15 PM