Math Reflection : APRIL 3

Concept	Need Help	Almost There	Proficient	Master
PEMDAS				
Multiplication Facts				
Division Facts				
Distributive Property				
Solving For X				
Ratios				
Proportions				
Scale Drawings				
Perimeter				
Area				
Volume				
Multi-Digit Multiplication				
Long Division				
Factors / Factoring				
Multiples				
Reducing Fractions / GCF				
Adding / Subtracting Fractions				
Multiplying Fractions				
Dividing Fractions				
Adding / Subtracting Decimals				
Multiplying Decimals				
Dividing Decimals				
Statistics (Mean, Mode, Range, Median, Outlier)				
Converting Measurements				

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9 7/25 - 4 /5	9.28 - .8 =
3/25 ÷ 3/10	.12 ÷ .3
Prime Factor 108. Write in scientific notation.	1.3 grams = ____ mg ___ liters = 23.5 kL
(Remember, you must turn to an improper fraction before multiplying!) 7 1/5 x 6 2/5	*7.2 x 6.4*
53 - 4/9	*15.05 - 1.099*

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I've Got Problems?!	Pancake Problems!
Josie ate 5 pancakes. Luckily, she baked 3 times the amount she ate. Jenna also ate 1/4 of a dozen of Josie's pancakes. Josie, then generously, donated one 1/2 of the remaining pancakes to a charity! How many pancakes did she give to charity?	

I've Got Problems?!	Marquette's Statistics!
Marquette scored 40 points during their final game of the NCAA tournament. Vander Blue score 1/4 of the teams point. Trent Lockett scored 1/10 of the total points. Jamil Wilson added 8 points while Juan Anderson also scored 1/10 of the total points. Cadogen scored the rest of the points, figure out the team's stats!	**Mean:**
Median:	**Range:**
Mode:	

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MAKE AN OMELETTE! USE PI TO MAKE YOUR OWN CIRCLE!

Circle Properties Key				SCALE
Property	***Color***	***Property***	***Color***	*Your (yolk) circle may have a diameter of 16 inches,* ***Scale*** *1cm = 4 inches*
diameter =		**chord**		
radius =		**tangent**		
area		**circumference**		**Set up your ratio and Proportion below:**
Find area (pi x radius squared)		**Find circumference** (pi x diameter)		**1 cm =** **4 in =**

MAKE SURE TO FILL IN YOUR DIAMETER, RADIUS, AREA, AND CIRCUMFERENCE MEASUREMENTS IN THE TABLE ABOVE!

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Design It! Scale: 5 ft = 1cm

Actual Dimensions: Length 25 feet Width = 20 ft Height = 10 ft

Set up the ratios. Then, solve the proportion!

Length	Width	Height
_____cm = _____cm ft = ft	_____cm = _____cm ft = ft	_____cm = _____cm ft = ft

SCALE DRAWING: ***Construct a rectangle.*** *Shade 6 centimeters squared!*

Fraction	Reduced Fraction
Fraction = _____	___ **(** **)** **=** ___ **(** **)** **GCF =**

Perimeter = total length in cm	Area= width X length in cm^2	Volume= *width X length X height* in cm^3
Work and Label	Work and Label	Work and Label

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SOLVING FOR X EQUATIONS

$8(5+X) = 18X$

$2(5+2x) = 6X$

$(3^2x2)(12-9) = X18$

$4(1+2x) = 10X$

$8(1/3 \div 1/12) = 4X$

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