

Name _____

What did I learn this quarter?**Ratings:**

- 1: I've never seen this topic or wouldn't even know how to begin.
 2: I've heard or seen this before, but don't know how to start or complete the problem.
 3: I know the topic and can work through the problem but am unsure whether I am correct.
 4: I feel confident that I could present my work and solution to the class.
 5: I feel that I could correctly teach this topic to another student if asked.

	TARGET	EXAMPLES	RATING TODAY	RATING THURS.
A	Simplify expressions according to the Order of Operations	$8^2 - (9 + 3 \div 3) + 9 - 10 $		
A	Order and classify Real Numbers	$-\frac{1}{2}, \sqrt{25}, -2, 0.13, 0.\bar{3}$		
B	Add real numbers.	$-13 + 0.26$ $\frac{2}{3} + \frac{4}{5}$		
C	Subtract real numbers	$22.5 - 0.13$ $-19 - (-43)$		
D	Multiply real numbers	$44 \times (-4)$ $\frac{-4}{7} \left(\frac{-2}{9} \right)$		
E	Use the distributive property to write equivalent expressions	$3(x - 5) = 3x - 15$ $2x(x - 5y) = 2x^2 - 10xy$		
F	Use the distributive property to simplify expressions	$12x + 4x = x(12 + 4) = 16x$ $1.3y - 0.3y = y(1.3 - 0.3) = 1y$		
G	Divide real numbers	$12 \div -6$ $\frac{2}{3} \div \frac{-7}{4}$		
H	Find the square roots	$\sqrt{16} = 4$ $\pm\sqrt{49} = \pm 7$		
I	Order and classify real numbers	$\pi, -\sqrt{17}, -2$		

J	Create verbal models and mathematical models, identifying phrases that need re-ordering.	Eight less than four is less than six. Translate: " $9 \times 5 > 40$ "		
K	Identify Prime and Composite Numbers, listing the Prime Factorization of Composite Numbers	$2, 4x^2, 24x$		
L	Identify Relatively Prime Numbers	15 and 14		
M	Find the Greatest Common Factor and Least Common Multiple	$8x^2$ and $12x$		
N	Simplify algebraic fractions	$\frac{4x^2y}{10xy^3}$		
O	Represent exponential expressions in expanded form	$27x^3$		
P	Use the Rules of Exponents	$(3x^2)^3, (4x^2)(5x), 6^{-3}$		
Q	Convert values into Scientific Notation and Standard Notation	$8.2 \times 10^{-3}, 0.00059$		
R	Multiply and divide values in Scientific Notation	$2.3 \times 10^3 (5 \times 10^{-5})$ $\frac{2.4 \times 10^3}{1.2 \times 10^1}$		
S	Solve one-step, two step, & multi-step equations with decimals, fractions, and variables on both sides of the equation	$-4x - 5 = 12$ $\frac{x}{3} + 4 = 2\frac{1}{2}$ $5 - 2(x + 4) = 2x + 1$ $5.6x - 1 = 2.56$		