DUE THURSDAY NOV 10TH – DON'T FORGET TO SAVE AS YOU WORK!

Matching – Write the letter in the correct blank.

_____1. Integer	a. Positive Counting Numbers and Zero
_____2. Natural number	b. Also known as Natural Numbers – 1, 2, ,3...
_____3. Irrational number	c. a number that can (accurately) be shown as a fraction
_____4. Rational Number	d. Rational and Irrational Numbers
_____5. Real Number	e. Positive and Negative Whole numbers.
_____6. Whole Number	f. a number that cannot accurately be shown as a fraction

_____1. Repeating Decimal	a. a decimal that never stops with no reoccurring pattern.
_____2. Terminating Decimal	b. a over b where b does not equal 0.
_____3. NTNR	c. per hundred
_____4. Fraction	d. an integer combined with a fraction
_____5. Percent	e. a decimal that stops
_____6. Mixed Number	f. a decimal that has a reoccurring pattern

_____ 1. Opposite	a. -4^1
_____2. Minus	b. $3-1$
_____3. Negative	c $(-3)^3$
_____4. Fraction/Decimal	d. 4^{-5}

_____ 1. Coefficient (scientific Notation)	a. means the answer is one
_____ 2. Power of 0	b. means the answer is the base
_____ 3. Power of 1	c. must be 1 or bigger, but less than 10

LIVEWORKSHEETS

POW - Nov 10

1. Arrange the following numbers from the greatest to the least.

   π, $\frac{7}{22}$, 3.5, -1, 0

   A. -1, 0, $\frac{7}{22}$, π, 3.5 B. 3.5, π, $\frac{7}{22}$, 0, -1

   C. $\frac{7}{22}$, π, 3.5, 0, -1

2. Which of the following lists is in order from least to greatest?

   A. $\sqrt{3}, \pi, 3$ B. $\sqrt{3}, 3, \pi$ C. $3, \sqrt{3}, \pi$

3. Which of the following shows 0.125, -2.1, $-\frac{1}{2}$, and 1.2×10^2 ordered from least to greatest?

   A. 0.125, $-\frac{1}{2}$, -2.1, 1.2×10^2

   B. -2.1, $-\frac{1}{2}$, 0.125, 1.2×10^2

   C. 1.2×10^2, $-\frac{1}{2}$, 0.125, -2.1

4. Three friends played a target game at a carnival.

   - Elsie hit the target 5 out of every 8 times.
   - Anjani hit the target 60% of the time.
   - Derek hit the target $\frac{5}{6}$ of the time.

   Which list shows the friends in order from the person who hit the target the least percent of the time to the person who hit the target the greatest percent of the time?

   A. Elsie, Derek, Anjani B. Anjani, Derek, Elsie

   C. Anjani, Elsie, Derek

5. An ant colony has approximately 3×10^6 ants. Which could be the actual number of ants in the colony?

   A. 3,106 B. 29,069 C. 3,059,101

6. Which of the following is equivalent to the expression below?

   $$x^6 \cdot x^2$$

   A. x^4 B. x^8 C. x^{12}

7. Which expression demonstrates the rule used to simplify $\frac{x^4}{x^{-2}}$?

   A. $x^{(4-2)}$ B. $x^{(4--2)}$ C. $x^{(2-4)}$

8. Evaluate: $2.58 \times 10^5 + 3.8 \times 10^4$

   A. 2.96×10^5 B. 9.804×10^5

   C. 2.580038×10^{13}

9. What is the scientific notation for the value of $(15 \times 10^5) \div (5 \times 10^3)$?

   A. 3×10^2 B. 20×10^2 C. 75×10^2

10. 0.48 is what equivalent to what fraction?

    A. $\frac{12}{25}$ B. $\frac{6}{125}$ C. $\frac{2}{5}$

11. .89 is what percent?

    A. .89% B. 8.9% C. 89%

LIVEWORKSHEETS