

What has your Tiger been working on since Wednesday, August 5, 2015???

- **A.** Understanding school rules and expectations
- **B.** Understanding Integers
 - **a.** Adding
 - **b.** Subtracting
 - **c.** Multiplying
 - **d.** Dividing
- **C.** Understanding Distributive Property
- **D.** Understanding Rational Numbers
 - **a.** Converting Fractions to Decimals
 - **b.** Converting Decimals to Fractions
 - **c.** Converting Decimals to Percent
 - **d.** Converting Percent to Decimals
 - **e.** Converting Fractions to Percent
 - **f.** Converting Percent to Fraction
- **E.** Understanding Rates and Unit Rates

Students submitting all complete answers below will be given extra points towards the 1st Nine Weeks Exam.

We will give two problems per items covered to help prepare for mastery with this skill

B.a.) You can use integer tiles, a number line or the rules for addition of integers to assist you.

1. $-5 + 3 =$

2. $2x + 11x =$

B.b.) You can use integer tiles, a number line or the rules for addition of integers to assist you.

1. $2x - 11x =$

2. $-5 - 3 =$

B.c)

1. -4×15

2. $-5 \cdot \left(\frac{4}{5}\right)$

B.d)

1. $\frac{4}{5} \div \frac{3}{2}$

2. $\frac{-4}{5} \div \frac{-5}{2}$

C.

1. Evaluate the expression for $x = 10$ and $y = 3$.

$$5(x - 2y)$$

2. Which expression is equivalent to $2(3v + 7)$?

- A $6v - 7$
- B $3v + 14$
- C $6v + 14$
- D $6v + 7$

D.a.) $\frac{4}{10}$

D.b.) 0.09

D.c.) 0.375

D.d.) 125%

D.e.) $-\frac{13}{8}$

D.f.) 97%

E

1. Jan is going to pay \$140 for 28 gymnastics lessons. Anil will pay \$30 for 5 lessons.
- a. What is the rate per lesson for each? (Should have two different answers)

b. Who is paying more per lesson? How much more?

2. The table shows the prices of 3 boxes of laundry detergent of different sizes. Which size box costs the least per ounce? Explain your answer.

SIZE	PRICE
150 OZ	\$18.97
100 OZ	\$11.97
56 OZ	\$8.97