**Homework: Tuesday, September 6, 2015**

Solve the following problems. You *MUST* show your work. ***NO WORK = NO CREDIT***

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| 1. Simplify the expression   -20 × (3 – 4) | 2. Simplify the expression  (-18 ÷ 3) – (-4) |
| 3) Write a word problem to go along with the expression  -10 × 3 | 4) If a = -4, b = 5, and c = -6, which is larger  A. a × b  B. b × c  C. c × a |
| 5. Write an word problem to go along with the expression  - 7 + (-10) | 6. Simplify the expression  -15 – (5 – 10) |

**Homework: Wednesday, September 7, 2015**

Solve the following problems. You *MUST* show your work. ***NO WORK = NO CREDIT***

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| 1. Find the product:   (-6) x (12) | 1. Find the quotient:   (75) ÷ (-3) |
| 1. John solved the following problem.   (-21) x (-4) = -84  Find his mistake and correct it. | 1. Amy solved the following problem.   (128) ÷ ( -4) = 32  Is she correct? Explain why or why not? |
| 1. Model 3 + (-9) using the following number line.   **Number Line** | 1. Morgan is finding 24 + (-36). Find her mistake and correct it.   Hiroshi  24 + (-36) = 24 + 36  = 60 |

**Homework: Thursday, September 8, 2015**

Solve the following problems. You *MUST* show your work. ***NO WORK = NO CREDIT***

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| 1. Ken buys 12 pencils for $0.15 each, 4 erasers at $0.15 each, and 6 pens at $0.20 each. He writes this expression to calculate his total cost, in dollars: (0.15)(12 + 4 + 6). Will this expression yield the correct dollar amount? If not, write a correct expression and find the total cost. | 1. Ms. Tesema writes the following expression:   **(5) \* (-3) \* (-4) = -60**  Is this a true statement? If not, rewrite the expression correctly and explain her mistake. |
| 1. Mr. Sanchez bought 2 magazines for $9.95 each, and 3 books for $14.95. What was his total cost? | 1. What is the unit rate of a person who drives 92 miles in 4 hours?     \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ miles/hour |
| 5. The temperature rose from -4 degrees to 45 degrees in Piedmont, North Dakota on January 22, 1943 in only 2 hours. By how many degrees did the temperature change? | 6. A submarine is cruising at 25 meters below sea level. It descends 65 feet. What is the current depth of the submarine? |

**Tuesday**

1. 20
2. -2
3. AWV
4. C
5. AWV
6. -10

**Wednesday**

1. -72
2. -25
3. +84; He did not change his sign to positive (when you multiply a negative x negative = positive)
4. No, because a positive divided by a negative equals a negative (his sign is wrong)
5. See that student models moving from +3 to -6 on the number line

6. 36 – 24 = 12. Subtract and take the sign of the larger number.

**Thursday**

1. (.15)(12 + 4) + (.20 x 6) = $3.60

2. She has to change the sign to positive because answer is +60

3.$64.75

4. 23

5. 49 degrees

6. -25 + (-65) = -90 so 90 meters below sea level