<u>6th Review #64</u> – WORK MUST BE SHOWN
FOR EACH PROBLEM – NO CALCULATORS

Name_____

1. In her shopping cart, Sarah has 2 lbs. of oranges at $0.99 per pound, 3 cans of soup at $1.19 per can, and 1 gallon of ice cream at $3.79 per gallon. Which is closest to the total cost of the items in her shopping cart? *(Show work)*

A $9.00
B $8.00
C $7.00
D $6.00

2. When simplifying the following expression, which operation should be performed first? *(Show work)*

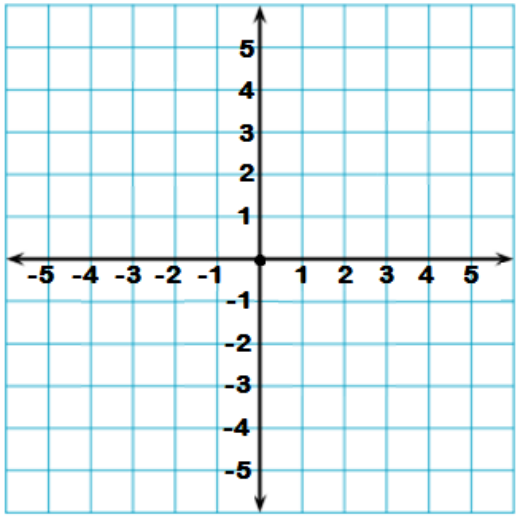
7 + 4 • 3 – 18 ÷ 6

A **3 – 18**
B **7 + 4**
C **18 ÷ 6**
D **4 • 3**

3. Graph the following ordered pairs on the coordinate plane.

Point A (-6,0) Point B (0,-3)

Point C (8,0) Point D (-4,2) Point E (6,-4)



4. Identify in which quadrant the ordered pairs (-4, 5) would be? *(Show how they would be in that quadrant)*

5. a) What is the absolute value of -41?

b) What is the absolute value of 12?

6. Order the following integers from greatest to least *(Show the integers on a number line)*

1, 7, -1, -7, 0, 5

<u>Adv. Review #64</u> (7th grade SOLs)
SHOW HOW YOU SOLVED EACH PROBLEM – NO CALCULATORS!

7. Solve the following:

$$5 \cdot -3 + -3 \cdot 6$$

8. If 4, 9, 16, 25… is the pattern, what is the next perfect square number? Show how you know.

9. Model the following expression with counter chips (+, -); then solve.

-12 + 9

10. In the Sahara Desert one day it was 136°F. In the Gobi Desert a temperature of -50°F was recorded. What is the difference between these two temperatures, from the high to the low?