6th Review #53 – WORK MUST BE SHOWN
FOR EACH PROBLEM – NO CALCULATORS

1. Order the following from least to greatest: *(Draw a number line to show work)*

-5   8   -15   -2   17   2

2. Circle all of the following that would have the absolute value of 5. *(Show or justify your answer)*

A   -5

B $^5/_1$

C $^{25}/_5$

D   0.5

3. Michelle received a 6% discount on movie tickets. Which of the following shows this percent as a fraction and decimal? *(Show how you found the answer)*

A $^1/_6$, 0.6

B $^3/_5$, 0.6

C $^1/_6$, 0.06

D $^3/_{50}$, 0.06

Name_____

4. Jennifer bought <u>3 shirts</u> from the store: a red shirt, a blue shirt, and a white shirt. She also bought 2 <u>pair of pants</u>: jeans and khaki pants. What is the ratio of total clothing to pairs of pants?

5. Ashley bought $8\ ^1/_2$ yards of fabric to make hats for the school play. Each hat requires $^1/_2$ a yard of fabric. About how many hats will Ashley be able to make from the fabric? *(Show how you found the number of hats)*

A   5 hats

B   17 hats

C   9 hats

D   12 hats

6. Find the product: $^9/_{10}$ x $3\ ^1/_3$

_SHOW HOW YOU SOLVED EACH PROBLEM – NO CALCULATORS__!_

7. The highest recorded temperature in the Dominican Republic is 109 degrees Fahrenheit. The lowest recorded temperature is 19 degrees Fahrenheit. What is the difference from the low temperature to the high temperature?

9. Using problem #8, solve the following:

$$\sqrt{4} = \underline{\quad\quad}$$

10. Solve the following:

-30 ÷ 3 = _____

85 ÷ -5 = _____

-78 ÷ -6 = _____

98 ÷ 14 = _____

8. The number 4 is a perfect square number. Draw a square in the space provided that proved that 4 is a perfect square.