6th Review #52 – WORK MUST BE
SHOWN
FOR EACH PROBLEM – NO CALCULATORS

Name_____

1. **Jackie had 2 boxes of pencils. Each box had a dozen pencils. $^3/_4$ of the pencils were sharpened. How many pencils were not sharpened?** *(Draw a picture or show how you found the amount not sharpened)*

A   18 pencils

B   6 pencils

C   12 pencils

D   10 pencils

2. Circle all of the following that are true. *(Show how you compared the following)*

$|-6| = 6$ $|-5| < -2$

$|8| > 4$ $12 > |-15|$

3. **Find the product: $2\,^1/_4$ x $^5/_6$**

4. **Find the product: 6.03 x 6.7**

5. Order the following from greatest to least. *(Hint: find the values of each first; then put on a number line)*

$|-18|$ 9   -3 $|3|$ -18

6. **Find the quotient: $^3/_4$ ÷ $^3/_{16}$**

A $^3/_4$

B   **1**

C   **4**

D   **16**

SHOW HOW YOU SOLVED EACH PROBLEM – NO CALCULATORS!

7. The highest recorded temperature in Brazil is 112 degrees Fahrenheit. The lowest recorded temperature is 7 degrees Fahrenheit. What is the difference from the high temperature to the low temperature?

8. The number 144 is a perfect square number. Draw a square in the space provided that proved that 144 is a perfect square.

9. Using problem #8, solve the following:

$$\sqrt{144} = \underline{\quad\quad}$$

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

8 + -10