Name _____

1. Which of the following expressions is represented by the model below? (*Show how you found your answer*)
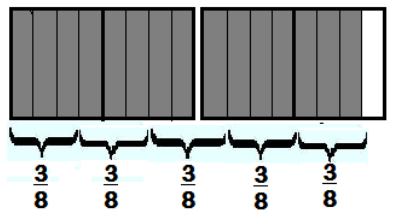
A $2 \div 5$

C $1\frac{1}{2} \div 5$

B $1\frac{1}{2} \div \frac{3}{8}$

D $1\frac{7}{8} \div \frac{3}{8}$

2. **MODEL** the following to solve:

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

3. **MODEL** to solve the following:

$2\frac{1}{3} \cdot \frac{1}{4}$

4. Name an ordered pair that would be located in the following quadrants: *(prove that it would be in that quadrant by drawing a coordinate plane!)*

Quadrant I (   )

Quadrant II (   )

Quadrant III (   )

Quadrant IV (   )

5. Circle all of the following that are true? *(Show how they are true or false)*

A $|-19| = 19$

B $-46 > -20$

C $|8| = -8$

D $3 > -25$

6. Order the following from least to greatest. *(Show how you compared)*

56% $\frac{3}{8}$ 0.079   0.4

7. The highest recorded temperature in Wyoming is 115 degrees Fahrenheit. The lowest is -66 degrees Fahrenheit. What is the difference from the high temperature to the low temperature?

8. The number 121 is a perfect square number. Draw a square in the space provided that proved that 121 is a perfect square.

9. Using problem #8, solve the following:

$$\sqrt{121} = \underline{\quad\quad}$$

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

-12 + -10