

**Review #17 SHOW HOW YOU SOLVED EACH PROBLEM – NO CALCULATORS!**

1. Jennifer made bead necklaces to sell at the fair. Each necklace had 18 blue beads and 27 red beads. What would be the ratio of blue beads to the total number of beads for each necklace? (*Show how you found the ratio*)

- A 18 to 45**
- B 18 to 27**
- C 27 to 18**
- D 27 to 45**

2. Which of the following numbers is a composite number? (*Show why it is composite*)

- A 59**
- B 81**
- C 2**
- D 23**

3. Marquis had 4 raspberry, 3 blueberry, 6 cream cheese, and 7 lemon pastries in a box. If he randomly picks one without looking, what percent represents the ratio of a raspberry pastry to the total pastries? (*Show how you found the ratio*)

4. Reduce the fraction below to simplest form.

$$\frac{21}{49}$$

- A  $\frac{3}{10}$**
- B  $\frac{7}{7}$**
- C  $\frac{3}{7}$**
- D Already in simplest form**

5. Jacob found 12 pounds of candy corn at the store on sale for \$19.80. How much did one pound of candy cost? (*Show how you found the cost of each pound*)

- A \$7.80**
- B \$237.60**
- C \$31.80**
- D \$1.65**

6. Circle all of the following that would have an absolute value of 10? (*Show how they have an absolute value of 10*)

- 10**
- 0.10**
- $\frac{1}{10}$**
- $\frac{40}{4}$**
- 1.0**