

**Review #21 – WORK MUST BE SHOWN  
FOR EACH PROBLEM – NO CALCULATORS**

Name \_\_\_\_\_

1. Sue made bead earrings. Each earring had 18 blue beads and 27 red beads. What would be the ratio of total beads to red beads for each earring? (*Label the ratio*)

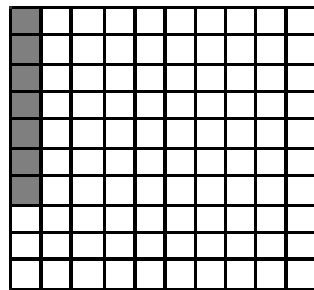
- A 2 to 5
- B 3 to 5
- C 3 to 2
- D 5 to 3

2. Lynn's pocket had 8 nickels, 10 dimes, and 7 pennies. What percent would represent the probability of pulling out a nickel from the bag without looking? (*Show how you got the percent*)

- A 32%
- B 8%
- C 25%
- D 17%

3. Which fraction, decimal, and percent represents the part of the 10 by 10 grid that is shaded? (*Show how you found the fraction, decimal, & percent*)

- A  $\frac{7}{10}$ , 0.7, 7%
- B  $\frac{93}{100}$ , 0.93, 93%
- C  $\frac{7}{100}$ , 0.7, 70%
- D  $\frac{7}{100}$ , 0.07, 7%



4. Which of the following fraction and decimal is the same as 35%? (*Show how you found the fraction*)

- A  $\frac{3}{5}$ , 0.35
- B  $\frac{1}{35}$ , 0.035
- C  $\frac{7}{20}$ , 0.35
- D  $\frac{1}{7}$ , 3.5

5. Which of the following is true? (*Show how you compared the numbers*)

- 80%      0.2       $\frac{1}{3}$
- A  $80\% > \frac{1}{3} > 0.2$
  - B  $0.2 > \frac{1}{3} > 80\%$
  - C  $\frac{1}{3} > 80\% > 0.2$
  - D  $80\% > 0.2 > \frac{1}{3}$

6. Circle all of the following that is **NOT** true?

- A  $\frac{1}{3} = 13\%$
- B  $65\% = 6.5$
- C  $4\% = 0.4$
- D  $0.725 = 72.5\%$