

6th Review #26 – WORK MUST BE SHOWN FOR EACH PROBLEM – NO CALCULATORS

Name _____

1. Which fraction belongs in the box to make the number sentence true?

$$\boxed{} > \frac{2}{3}$$

- A. $\frac{1}{2}$ B. $\frac{3}{4}$ C. $\frac{2}{5}$ D. $\frac{5}{8}$

2. Which mixed number below is the same as $2 \frac{11}{8}$? (HINT: change the improper fraction)

- A. $2 \frac{3}{8}$
 B. 3
 C. $3 \frac{3}{8}$
 D. $2 \frac{1}{8}$

3. Rae collects seals. She has 8 ivory seals, 11 jade seals, and 6 marble seals. If she picks one without looking, what is the probability of her selecting a jade seal written as a decimal number and percent? (Show how you found the decimal number)

- A. **0.44 or 44%**
 B. **0.11 or 11%**
 C. **0.25 or 25%**
 D. **0.14 or 14%**

4. Betty covered $\frac{3}{4}$ of the garden with fertilizer. She planted tomatoes on $\frac{2}{3}$ of the fertilized garden. How much of the whole garden had tomatoes planted? (Show how you found how much of the garden was tomatoes)

- A. $\frac{1}{4}$
 B. $1 \frac{5}{12}$
 C. $\frac{1}{2}$
 D. $\frac{1}{3}$

5. Mr. Ratliff bought fish to go into his fish tanks. The ratio of fish to fish tanks was 3:1. If Mr. Ratliff had 8 fish tanks, how many fish did he have? (Show how you found the **equivalent ratio**)

- A. **3 fish** B. **8 fish**
 C. **24 fish** D. **30 fish**

6. Which of the following does not represent 0.4?

