

6th Review #54 – WORK MUST BE SHOWN FOR EACH PROBLEM – NO CALCULATORS

1. Jessica made 48 cupcakes for the Festival. Twenty-five of the cupcakes were chocolate, eleven cupcakes were vanilla, and the rest were strawberry. What **fraction** of the cupcakes was strawberry? (*Show how you found the fraction*)

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

2. A skateboard shop has 12 skateboards that sell for \$89.25 each. About what would be the total cost of all the skateboards? (*Show how you found the cost*)

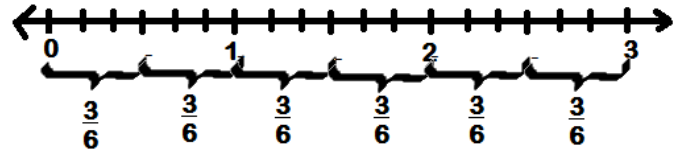
- A \$1,080
- B \$300
- C \$1,400
- D \$900

3. Brentley paid 12% tax in Colorado for his CD's. Which of the following is 12% written as a fraction and decimal? (*show how you simplified the fraction & place values for the decimal*)

- A $\frac{1}{12}$, 0.12
- B $\frac{1}{2}$, 0.12
- C $\frac{3}{8}$, 0.12
- D $\frac{3}{25}$, 0.12

Name _____

4. What expression is represented by the model below? (*Show how you found the expression*)



- A $\frac{3}{6} \div 6$
- B $3 \cdot \frac{3}{6}$
- C $3 \div 6$
- D $3 \div \frac{3}{6}$

5. Sidney bought a handful of jawbreakers from the store. He paid \$2.25 for the handful of jawbreakers. If each jawbreaker was \$0.15, how many jawbreakers did he buy?

- A 0.15 jawbreakers
- B 1.5 jawbreakers
- C 15 jawbreakers
- D 150 jawbreakers

6. Find the quotient: $\frac{3}{5} \div 6$

- A $3 \frac{3}{5}$
- B $\frac{1}{10}$
- C 10
- D $\frac{5}{18}$

Adv. Review #54 (7th grade SOLs)

SHOW HOW YOU SOLVED EACH PROBLEM – NO CALCULATORS!

7. The highest recorded temperature in Canada is 113 degrees Fahrenheit. The lowest recorded temperature is -81 degrees Fahrenheit. What is the difference from the high temperature to the low temperature?

8. The number 64 is a perfect square number. Draw a square in the space provided that proved that 64 is a perfect square.

9. Using problem #8, solve the following:

$$\sqrt{64} = \underline{\hspace{2cm}}$$

10. If a submarine is 1734 feet below sea level, and then it rises 639 feet, what is it's new location below sea level?

