

**6th Review #22 – WORK MUST BE SHOWN FOR EACH PROBLEM – NO CALCULATORS**

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

- $\frac{1}{6}$                       0.6                       $-\frac{12}{2}$
- 6.0                                      -6

2. Find the term that makes the ratio equivalent: (*Show how you found the answer*)

$$\frac{7}{8} = \frac{?}{40}$$

- A 7
- B 5
- C 35
- D 70

3. Which of the following is the same as 0.4? (*Show how the values are the same*)

- A 4%
- B 100%
- C 20%
- D 40%

Name \_\_\_\_\_

4. Jennifer made 24 baked goods for Funfest. 10 of the cookies were peanut butter and 8 were chocolate chip. If the remainder of the cookies is oatmeal, what percent of the cookies is oatmeal? (*Show how you found the percent*)

- A 6%
- B 24%
- C 18%
- D 25%

5. Sam bought 36 treats for his Halloween bags. Twelve were caramel apples, eight were rice crispy treats, and the rest were snickers bars. What is the fraction of snickers bars to total treats? (*Show how you first found the number of snickers bars. Then, REDUCE your fraction!*)

- A  $\frac{5}{9}$
- B  $\frac{4}{9}$
- C  $\frac{1}{3}$
- D  $\frac{3}{4}$

6. Explain the pattern and find the **sixth term in the pattern**: (*Show what the pattern is*)

2, 4, 8, 16, 32...

- A 64
- B 128
- C 40
- D 80

**Adv. Review #22 (7<sup>th</sup> grade SOLs)**

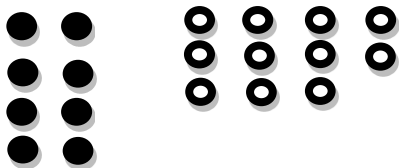
***SHOW HOW YOU SOLVED EACH PROBLEM – NO CALCULATORS!***

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

$$-13 + 9$$

**2. Solve the following, if**

**● = -1      ○ = 1**



**3.**

The temperature at midnight was  $2^{\circ}\text{F}$ . At sunrise the temperature was  $5^{\circ}\text{F}$  lower.

What was the temperature at sunrise?

- A.  $-7^{\circ}\text{F}$     B.  $-3^{\circ}\text{F}$     C.  $3^{\circ}\text{F}$     D.  $7^{\circ}\text{F}$

**4. Solve the following:**

$$-539 + 234$$