

# WARM UP 10/5/15 - 10/9/15

NAME \_\_\_\_\_

1. Evaluate the expression if  $g = -1$  and  $f = 4$ .

$$8g - f$$

2. Use the Distributive Property to write an expression equivalent to  $7(x + 3)$ .

3. The expression  $\frac{w}{30}$ , where  $w$  is a person's weight in pounds, is used to find the approximate number of quarts of blood in the person's body. How many quarts of blood does a 120-pound person have?

1. What value of  $b$  makes this a true statement?

$$5 + b = 13$$

What did you do to figure that out?

2. Write an algebraic expression for the following words:

**6 less than an unknown number**

3. Edmundo bought 4 trading cards yesterday. He bought some more trading cards today. Now he has 12 trading cards. If  $n$  represents the number of trading cards Edmundo bought today, write an equation to represent this situation.

1. Use order of operations to evaluate the following expression.

$$96 \div 4 + 5 \times 2^2$$

2. Evaluate if  $g = -1$ .

$$\frac{(5 + g)^2}{2}$$

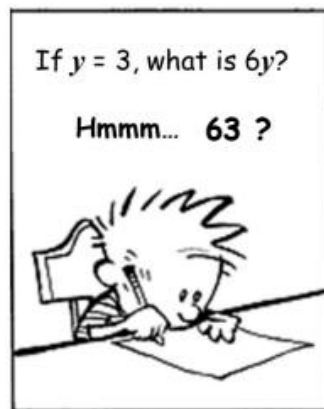
3. Write an algebraic expression for the following words:

**twice a number, increased by 27**

1. What value of  $n$  makes this a true statement?

$$n - 16 = 8$$

2.



Explain why Calvin is wrong.

3. Use the Distributive Property to write an expression equivalent to  $5(x - 2)$ .