- 1.) Write a variable expression for each statement.
- a. Eight less than the quotient of five and a number.

$$\frac{5}{X}$$
 - 8

b. The difference of twelve and a number.

c. Three more than the product of a number and ten.

3.) Simplify.

$$5 - |4 - 7| + 2(3 - 6((7 - 1)^{2} \div 6 - 4)^{3} \div 4)$$

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$$5 - |4 - 7| + 2((3 - 6((7 - 1)^{2} \div$$

2.) There are 5280 feet in a mile. Write an equation for the number of feet in an unknown number of miles. Define your variables.

EQ:

4. Write an equation to model the data in the table.

	Money Spent	2	3	6	10
	Gallons of Gas purchased	5.00	7.50	15.00	25.00

EQ: $y = 2.5 \times \text{Variables}$: y = 67al

5.) Is the statement true or false? If it's false, provide a counterexample: All

5.) Is the statement true or raise; in the results in the results are integers.

False

— decimals

— 2.5