

## Order of Operations Practice

$$3 * 6 + 15 - 2 * 3 / 2 = 30$$

$$2 * 10 + (4 - 2) * 4^2 = 52$$

$$9 / 5 * 10 + 32 = 50$$

$$((4 * 2) - 3) + 6 / 2 * (3^2) = 32$$

Integer division

$$15/4 = 3$$

Real numbers – division

$$15/4 = 3.75$$

What is truncating? Dropping the decimal off the end of a number. I.e 5.333= 5 but 5.6666=5 as well when truncated.

What is garbage? When there is data stored in a variable that is undefined we call it garbage.

Create three variable names using an example of all characters, the underscore and camel casing.

jaredStearns jaredstearns jared\_stearns

Create a constant.

Constant real jaredStearns= 25

Write a pseudocode statements that declares variables, myvariable and yourvariable, with a real data type, initialize both with a value of 0.0, prompt for the input, sum the two variables and store in a new variable (you will have to declare this variable) and then display the value of each of the variables used in the program. Use comments in your code.