

Quiz 2
Computer Science 1

Name_____

1. Convert each of the following mathematical formulas to C++ expression:

$$\frac{3x + y}{z + 2}$$

$$\sqrt{x + y}$$

$$x^{y+7}$$

2. Determine the value of the expressions

a. $2 / 3$

b. $15 \% 4$

c. $45 / 8 * 4 + 2$

3. Add statements to prompt the user to enter the number of miles driven and the number of gallons used. Add statements to calculate the miles per gallon and then output the result with a label indicating what is displayed.

```
double miles;  
double gallons;  
double milesPerGallon;
```