Credit Name: CSE 2140 2nd Language Programming
Assignment Name: MathTutor Mastery

Describe the errors you've encountered while working on this assignment. What caused the error and how do you overcome the error?

The main error I encountered in this assignment was floating-point inaccuracies during division.

```
int num1 = 5;
int num2 = 3;
double correctAnswer = num1 / num2;
System.out.println(correctAnswer);
```

- This gives 1.0 instead of 1.6666…
- Outputs: 1.0 which is an incorrect result due to integer division

The solution I found after researching it was to Cast one of the operands to **double** to force floating-point division and round the result for precision.