1. A type, or data type, defines both the ______________ possible values ______________ of the data and the ______________ operations ______________ on the data.

2. If \( a = 35 \) and \( b = 3 \) are ints:
   
   (a) \( a/b = \quad 11 \)
   
   (b) \( a\%b = \quad 2 \)

3. Determine the output of the following Java program:

   ```java
   int x;
   x = 33;
   int y = 2;
   System.out.println(x/y*y*y);
   ```

   ______________

4. True or False (Circle one): If we decided to represent the number \( \sqrt{2} \) with a float, then we could represent the number precisely.

5. True or False (Circle one): In Java, the class Math contains operations to perform complex math functions like cosine, sine, square roots, and more.

6. Bonus. The keyword ______________ final ______________ denotes that a variable can only be initialized and not altered through assignment.