

1. Write a statement that assigns a random integer between 1 and 6 inclusive into the variable `num`.
2. Write a statement that assigns a random integer between 10 and 15 inclusive into the variable `num`.
3. Write a statement that assigns a random integer between -3 and 3 inclusive into the variable `num`.
4. Write a statement that simulates the roll of two 6-sided dice and stores the sum in the variable `num`.
5. Write a code segment that uses an `if` statement to display "A" 10% of the time, "B" 20% of the time & "C" 70% of the time.

6. Complete the method `flipCoin` so that it returns `true` half the time and `false` the other half of the time.

```
public static boolean flipCoin()
```

7. Complete the method `numRolls` that simulates the act of rolling a 6-sided dice over and over again until the number 3 is rolled. The method should count and return the number of rolls that it takes to roll a 3. Try to use a flag variable or a sentinel value to exit the indefinite loop that you should use for best style.

```
public static int numRolls()
```