Java                                                      Name -
Parsing Integers Worksheet #1                             Period -

Show the output of the following code segments. If an error occurs, print "error" & explain.

```
1.
int num = 11;
double result = num / 2;
System.out.println(result);                 _____
```

```
2.
int num = 11;
double result = (double) num / 2;
System.out.println(result);                 _____
```

```
3.
int num = 11;
double result = num / 2.0;
System.out.println(result);                 _____
```

```
4.
int num = 456;
int digit = num % 10;
System.out.println(digit);                  _____
```

```
5.
int num = 456;
int digit = (num % 100) / 10;
System.out.println(digit);                  _____
```

```
6.
int num = 456;
int digit = (num % 1000) / 100;
System.out.println(digit);                  _____
```

```
7.
int num = 456;
int num2 = num / 10;
int num3 = num2 / 10;
System.out.println(num3);                   _____
```

```
8.
int num = 456;
int num2 = num / 10;
int num3 = num2 / 10;
System.out.println(num - num3 * 100);       _____
```

```
9.
int num = 456;
int num2 = num / 10;
int num3 = num2 / 10;
int num4 = num - num3 * 100;
int num5 = num4 / 10;
int num6 = num4 - num5 * 10;
System.out.println(num6 * 100 + num5 * 10 + num3);
```

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