

Java
Tracing Code Worksheet #1

Name -
Period -

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

1.

```
int numA = 3;  
double numB = 4.2;  
int numC = numA + numB;  
System.out.println(numC);
```

2.

```
String number = "3.3";  
double numbers = Double.parseDouble(number) + 2;  
System.out.println(numbers + 0.4);
```

3.

```
int num1 = 3, num2 = 2;  
double sum = num1 + num2;  
System.out.println(sum);
```

4.

```
int num3 = 3, num4;  
double sum2 = num4 + num3;  
System.out.println(sum2);
```

5.

```
String numM = "14";  
String numN = "32";  
System.out.println(56 + numN + numM);
```

6.

```
String message = "abcdefghijklm";  
String sub = message.substring(3, 4);  
System.out.println(sub);
```

7.

```
System.out.println("zyxwvuts".substring(4));
```

8.

```
int num = Integer.MIN_VALUE + -Integer.MIN_VALUE + 1;  
System.out.println(num);
```

9.

```
int div1 = 10, div2 = 3;  
double answer = div1 / div2;  
System.out.println(answer);
```

10.

```
String digits = "1234567890";  
int pos = digits.indexOf("6");  
System.out.println(pos + digits.indexOf("a"));
```
