

# Formative Assessment 1

## Programming Math

Construct a program below such that Java reaches the same answer a normal calculator would. You will **not** use all the blocks.

Drag from here

```
int a = 2;
```

```
System.out.println( (double) (5/a) );
```

Construct your solution here

```
double a = 2;
```

```
System.out.println(5/a);
```

```
double a = 2;  
System.out.println(5/a);
```

For “normal” division to take place, a needs to be a `double` because `5` is not. If it was `5.0` then `int` vs `double` would not matter.

Casting the result as `double` is not necessary since the result of division including a double is always going to be a double.