

```
static int numberOfDigits(int i) {
    return ((int) Math.floor(Math.log10(i))) + 1;
}
```

PC	Bytecode Instruction	Stack Layout	Three-address Code
			$r_0 = i$
0	iload_0	/	$op_0 = r_0$
1	i2d	i	$op_0 = (\text{double}) r_0$
2	invokestatic Math.log10 (double):double	d	$op_0 = \log_{10}(op_0)$
5	invokestatic Math.floor(double):double	d	$op_0 = \text{floor}(op_0)$
8	d2i	d	$op_0 = (\text{int}) op_0$
9	iconst_1	i	$op_0 = 1$
10	iadd	i, i, \rightarrow	$op_0 = op_0 + op_1$
11	ireturn	i	ret op_0