

## Answer on Question #84516 – Math – Combinatorics | Number Theory

### Question

2018=3(mod5) meaning and explain.

### Solution

The modulo operation (abbreviated “mod a”) is the remainder when dividing by a.

In our case  $\frac{2018}{5} = 403 + \frac{3}{5}$ , hence  $2018 = 403 \cdot 5 + 3$ . Remainder is 3.

Thus,  $2018 = 3(\text{mod } 5)$ .