

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

Question

$2018=3(\bmod 5)$ 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, $2018 = 3(\bmod 5)$.