

INTEGER DIVISORS

Definition

Let $a, b \in \mathbf{Z}$. a is a divisor of b if there exists k > 0 so that ak = b.

If instead b = ak + r where r > 0 and r < a, then we call r the remainder of dividing a into b.

Notation

We denote the remainder of dividing a into b by $b \mod a$.

