

Coprime

Two or more integers are *coprime* if they have no positive factors in common other than 1.

There are lots of ways used to say or write this:

- a is coprime to b .
- a is relatively prime to b .
- a is mutually prime to b .
- $\text{hcf}(a, b) = 1$.
- $\text{gcd}(a, b) = 1$.
- $a \perp b$.

For example, 14 and 15 are coprime to each other as $14 = 2 \times 7$ and $15 = 3 \times 5$: they have no positive common factors other than 1.