Divisibility Translated

$$12 \div 3 = 4$$

Example	General Statement
12 is divisible by 3	*a* is divisible by *b*
3 is a divisor of 12	*b* is a divisor of *a*
12 is a multiple of 3	*a* is a multiple of *b*
3 is a factor of 12	*b* is a factor of *a*
3 divides 12	*b* divides *a*

Mathematical Notation

Each statement above is written as **3|12** or ***b|a***

If b|a, then *b* is a factor or divisor of *a* and *a* is a multiple of *b*