Factor

DEFINITION

A positive integer that will divide exactly into a given positive integer.

CHARACTERISTICS

- Factors are normally identified in pairs.
- The smallest factor of any number is 1.
- The largest factor of any number is the number.

EXAMPLES

Factors of 8 = 1, 2, 4, 8

Factors of 9 = 1, 3, 9

Factors of 20 = 1, 2, 4, 5, 10, 20

NON-EXAMPLES

4 is not a factor of 2

2 is not a factor of 1

4 is not a factor of 18