

Definition of

## Prime Factor

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A factor that is a prime number.

In other words: any of the prime numbers that can be multiplied to give the original number.

$$\begin{array}{c} 2 \times 3 = 6 \\ \swarrow \quad \searrow \\ \text{Factor} \quad \text{Factor} \end{array}$$

Example: The prime factors of 15 are 3 and 5 (because  $3 \times 5 = 15$ , and 3 and 5 are prime numbers).

**Can you find the factors of 22?**

**What are the prime factors of 22?**