

# NumberOpedia

## 5 Five V

5 is a natural number following 4 and preceding 6 and is a prime number.

In general, we have 5 fingers on each hand and 5 toes on each foot.

There are 5 vowels in the English language: a, e, i, o and u.

Five is the number of senses we have: hearing, sight, smell, taste, and touch.

Two people give a *high five* by slapping their right hands raised high.

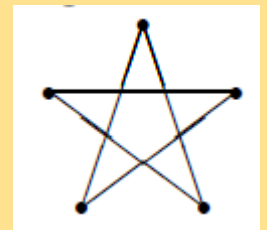
The number 5 is the only prime that is both the sum and the difference of two primes.

The number 5 is a pyramidal number.

5 can be represented as the difference of two squares:  $5 = 3^2 - 2^2$ .

A plane closed polygon with five sides is called a pentagon.

This five-pointed figure is called a pentagram:



There are five regular polyhedrons: tetrahedron, hexahedron, octahedron, dodecahedron, and icosahedron.

The only prime digit in which a perfect square can end.

The word **PRIME** contains 5 letters.

The number  $5 = 2^2 + 1$  is a Fermat prime - an odd prime of the form  $2^k + 1$ .



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Euclid gave 5 postulates of plane geometry.

The only prime digit in which a perfect square can end.

**FIVE** is the only prime written with an equal (prime) number of distinct vowels and consonants, i.e., **IE** & **FV**.

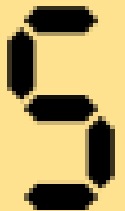
The following relation is true:

$$5 = 3! - 2! + 1!$$

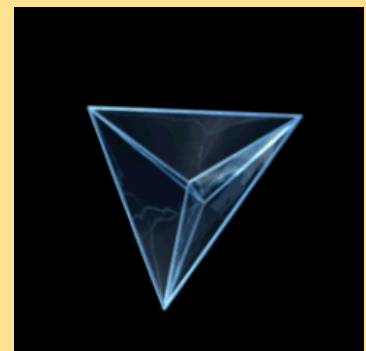
A limerick is a light humorous or nonsensical verse of 5 lines that usually has the rhyme scheme *aabba*.

A conic is determined using five points.

On the seven-segment display, it is represented by five segments at four successive turns from top to bottom, rotating counterclockwise first, then clockwise, and vice-versa.



A hypertetrahedron, the 4-dimensional analogue of the tetrahedron, has five vertices.



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