

2 Two II



Corresponding ordinal: second.

There are sixty seconds in a minute. A “second” here is a *secunda minuta*, a second minute, one-sixtieth of one-sixtieth of an hour.

The number 2 is the second even number, first prime number, and the second deficient number.

The number 2 is the only even prime number. That makes it the oddest prime number. It is also the only prime number without an “e” in its name (Number Freak).

The number 2 is a factorial number since $2! = 2$.

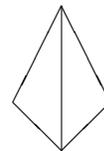
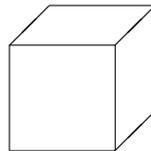
The number 2 is the basic even number because a number is even exactly when it is a multiple of 2.

Every number can be written as a sum of four or fewer squares: $2 = 1^2 + 1^2$.

Every number can be written as a sum of nine or fewer cubes: $2 = 1^3 + 1^3$.

If the number 2 is added to itself and multiplied by itself, the result is the same: $2 + 2 = 2 \times 2$. Zero is the only other number with this property.

For any polyhedron, the number of faces plus the number of vertices, minus the number of edges, is 2. Two examples: A cube has 6 square faces, 8 vertices, and 12 edges. A tetrahedron has 4 triangular faces, 4 vertices, and 6 edges.



For any number $n > 1$, there is always a prime between n and $2n$.

The sum of the reciprocals of the factors of any perfect number is equal to 2. (Prime Curios)

A number is the sum of two or more consecutive positive integers exactly when it is *not* a power of 2. So $5 = 2 + 3$, $6 = 1 + 2 + 3$, $7 = 3 + 4$, but you can't write 8 as such a

sum. (Penguin Dictionary)

Two is the base of the binary system of numeration, in which the only digits are 0 and 1. Counting in binary goes 1, 10, 11, 100, 101, 110, 111, 1000, and so on.

Binary digits are called *bits*. As you can see, 2 is the smallest two-bit number.

The second President of the United States was John Adams.

The first ten amendments to the United States Constitution is called the *Bill of Rights*. The second amendment says that “A well regulated Militia, being necessary to the security of a free State, the right of the people to keep and bear arms shall not be infringed.”

The second state to enter the Union was Pennsylvania.

The second largest state in the United States is Texas.

The term of a member of the U.S. House of Representatives is two years.

Two associated items are called a *pair*.

If the number of performers in an artistic presentation is 2, then they are called a *duo*. Batman and Robin were the dynamic duo.

Two bits is 25 cents.

“Tea for two” is a well-known song.

An invitation to tell someone that they are not welcome: Two is company, and three’s a crowd.