6 is an even one-digit composite number following 5 and preceding 7. In scientific notation, it is written as 6 100. It has a total of 2 prime factors and 4 positive divisors. There are 2 positive integers (up to 6) that are relatively prime to 6. Is Prime? no Number parity even Number length 1 Sum of Digits 6 Digital Root 6 Scientific notation 6 100 Engineering notation 6 100 Prime Factorization 2 3 Composite number Distinct Factors 2 Total number of distinct prime factors Total Factors 2 Total number of prime factors rad Radical 6 Product of the distinct prime numbers Liouville Lambda 1 Returns the parity of (n), such that (n) = (-1)(n) Mobius Mu 1 Returns: 1, if n has an even number of prime factors (and is square free) 1, if n has an odd number of prime factors (and is square free) 0, if n has a squared prime factor Mangoldt function 0 Returns log(p) if n is a power pk of any prime p (for any k >= 1), else returns 0 The prime factorization of 6 is 2 3. Since it has a total of 2 prime factors, 6 is a composite number. 4 divisors Even divisors 2 Odd divisors 2 4k+1 divisors 1 4k+3 divisors 1 Total Divisors 4 Total number of the positive divisors of n Sum of Divisors 12 Sum of all the positive divisors of n s Aliquot Sum 6 Sum of the proper positive divisors of n A Arithmetic Mean 3 Returns the sum of divisors ((n)) divided by the total number of divisors ((n)) G Geometric Mean 2.4494897427832 Returns the nth root of the product of n divisors H Harmonic Mean 2 Returns the total number of divisors ((n)) divided by the sum of the reciprocal of each divisors The number 6 can be divided by 4 positive divisors (out of which 2 are even, and 2 are odd). The sum of these divisors (counting 6) is 12, the average is 3. Euler Totient 2 Total number of positive integers not greater than n that are coprime to n Carmichael Lambda 2 Smallest positive number such that a(n) 1 (mod n) for all a coprime to n Prime Pi 3 Total number of primes less than or equal to n r2 Sum of 2 squares 0 The number of ways n can be represented as the sum of 2 squares There are 2 positive integers (less than 6) that are coprime with 6. And there are approximately 3 prime numbers less than or equal to 6. m n mod m 2 0 3 0 4 2 5 1 6 0 7 6 8 6 9 6 The number 6 is divisible by 2, 3 and 6. Hyperperfect Arithmetic Semiprime Perfect Polite Practical Non hypotenuse Primary Pseudoperfect Dedekind Harmonic Pronic Regular Base System Value 2 Binary 110 3 Ternary 20 4 Quaternary 12 5 Quinary 11 6 Senary 10 8 Octal 6 10 Decimal 6 12 Duodecimal 6 16 Hexadecimal 6 20 Vigesimal 6 36 Base36 6 ny n2 12 n3 18 n4 24 n5 30 ny n2 36 n3 216 n4 1296 n5 7776 yn 2n 2.4494897427832 3n 1.8171205928321 4n 1.5650845800733 5n 1.4309690811053 Diameter 12 Circumference 37.699111843078 Area 113.09733552923 Volume 904.77868423386 Surface area 452.38934211693 Circumference 37.699111843078 Perimeter 24 Area 36 Diagonal 8.4852813742386 Surface area 216 Volume 216 Space diagonal 10.392304845413 Perimeter 18 Area 15.58845726812 Altitude 5.1961524227066 Surface area 62.35382907248 Volume 25.455844122716 Height 4.8989794855664 md5 1679091c5a880faf6fb5e6087eb1b2dc sha1 c1dfd96eea8cc2b62785275bca38ac261256e278 sha256 e7f6c011776e8db7cd330b54174fd76f7d0216b612387a5ffcfb81e6f0919683 sha512 3c9ad55147a7144f6067327c3b82ea70e7c5426add9ceea4d07dc2902239bf9e049b88625eb65d014a7718f79354608cab0921782c643f0208983fffa3582e40 ripemd-160 8e95e8ccac6c8eb91b8a7a8f02bca2fa2268d44b2 Over the ages, people have attributed many facts to numbers.Numerology, superstition, important dates, and so many other things cling to various numbers, which in some cases gives them great significance!Today lets take a look at ten sensational facts about the number six.The number six is perfect. Well, a perfect number anyway. A perfect number is a number that is equal to the numbers it can be divided by. In the number sixs case, it can be divided by one, two, and three. If you add these together, it makes the number six, which is the lowest perfect number.Both the prefix hex- and sex- can be used to denote the number six. For example, a sextet is a group of six musicians, while a hexagon has six sides. The reason we use both hex- and sex- is because they come from Greek and Latin. Latin for six is sex, while the Greek for six is hex.If youre a fan of math, brace yourselves for the sexiest mathematical term ever sexy primes. Sexy primes are two different primes that are six numbers apart, such as five and eleven. Once again, these primes are sexy because they would read as sixy primes in Latin!The most common shape of a die is a six-sided cube, which, as its name implies, has six faces. This is because it is a cube, and all cubes must have six identical faces. Another name for a shape with six faces is a hexahedron.There are, unsurprisingly, many different bands that use the number six in their name. Some of these include You Me At Six, Six Organs Of Admittance, Electric Six, Six on Six, and Vanity Six!A fathom is a unit of measurement used within both US and imperial measurements and is equal to six feet (1.828 m). The most common usage of fathoms is when measuring the depth of water, but it isnt an internationally accepted unit of measurement. While it isnt as commonly used nowadays, it was the most frequently used unit for measuring the depth of water throughout the history of the English-speaking world.Many different instruments have a connection with the number six. Anyone who has picked up a guitar and played Wonderwall should know that standard guitars have six strings. Many woodwind instruments also have six holes bored into them.Hundreds of millions of hexagons can be found naturally all over the world and under all of our noses! Where, you might ask? Honeycomb! For some reason, bees are absolutely obsessed with hexagons and fill their hives with hexagonal honeycombs.August used to be the sixth month in the ancient Roman calendar, and it had a different name. Because it was the sixth month, it was duly named Sextilis. Then Julius Caesar came along and added in June and July, bumping Sextilis back and giving it a different name.We commonly accept the fact that we as humans have just five senses smell, taste, sight, touch, and hearing. That being said, if someone is said to sense things with their mind instead of their physical senses, theyre said to have the sixth sense. Also known as extrasensory perception, people with this claim can sense things that others wouldnt normally do, giving them heightened awareness.The math doesnt lie; six truly is a perfect number, and not just in a mathematical sense! Anyone whos a fan of board games loves the number six, as its the best number you can roll.Thats all good and well, but the coolest thing is probably still that honeycomb is made out of perfect six-sided shapes! Princeton's WordNet4.0 / 4 votessix, 6, VI, sixer, sise, Captain Hicks, half a dozen, sextet, sestet, sextuplet, hexadjectivethe cardinal number that is the sum of five and onesix, 6, vi, half dozen, half-dozenadjectivedenoting a quantity consisting of six items or unitsGCIDE3.0 / 1 vote6adjectiveone more than five; denoting a quantity consisting of six items or units; -- representing the number six as an Arabic numeralWiktionary0.0 / 0 votes6nounMl6; the agency or a particular agent.Wikipedia0.0 / 0 votes66 (six) is the natural number following 5 and preceding 7. It is a composite number and the smallest perfect number.ChatGPT0.0 / 0 votes6The number 6 is a natural number that follows 5 and precedes 7. It is an even number and a multiple of 2. It is also a divisor of 12, 18, 24, and other numbers divisible by 2. In many cultures, including Western ones, 6 is considered a significant and symbolic number that represents balance, harmony, and completeness.Suggested Resources0.0 / 0 votes6The 6 symbol -- In this Symbols.com article you will learn about the meaning of the 6 symbol and its characteristic.British National CorpusSpoken Corpus FrequencyRank popularity for the word '6' in Spoken Corpus Frequency: #678How to pronounce 6?How to say 6 in sign language?NumerologyChaldean NumerologyThe numerical value of 6 in Chaldean Numerology is: 0Pythagorean NumerologyThe numerical value of 6 in Pythagorean Numerology is: 0 References - Select - (Chinese - Simplified) (Chinese - Traditional) Espaol (Spanish) Esperanto (Esperanto) (Japanese) Portugus (Portuguese) Deutsch (German) (Arabic) Franais (French) (Russian) (Kannada) (Korean) (Hebrew) Gaeilge (Irish) (Ukrainian) (Urdu) Magyar (Hungarian) (Hindi) Indonesia (Indonesian) Italiano (Italian) (Tamil) Trke (Turkish) (Telugu) (Thai) Ting Vit (Vietnamese) etina (Czech) Polski (Polish) Bahasa Indonesia (Indonesian) Romnete (Romanian) Nederlands (Dutch) (Greek) Latinum (Latin) Svenska (Swedish) Dansk (Danish) Suomi (Finnish) (Persian) (Yiddish) (Armenian) Norsk (Norwegian) English (English) What does the number 6 look like?This visualization shows the relationship between its 2 prime factors (large circles) and 4 divisors.6 is an even composite number. It is composed of two distinct prime numbers multiplied together. It has a total of four divisors. See below for interesting mathematical facts about the number 6 from the Numbermatics database.Quick links: NamesFactorsDivisorsBasesRootsScalesFun Cardinal: 6 can be written as Six.Scientific notation: 6 100 Number of distinct prime factors (n): 2Total number of prime factors (n): 2Sum of prime factors: 5 Number of divisors d(n): 4Complete list of divisors: Sum of all divisors (n):12Sum of proper divisors (its aliquot sum) s(n):6 6 is a perfect number. It is exactly equal to the sum of its proper divisors. Binary: 1102Hexadecimal: 0x6Base-36: 6 6 squared (62) is366 cubed (63) is216The square root of 6 is 2.4494897431The cube root of 6 is 1.8171205927 How big is 6?A cube with a volume of 6 cubic inches would be around 0.2 feet tall. 6 is the same when its digits are reversed! That makes it a palindromic number.6 is a Harshad number.The number of decimal digits it has is: 1The sum of 6's digits is 6More coming soon! HTML: To link to this page, just copy and paste the link below into your blog, web page or email.