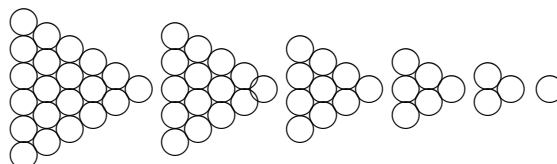
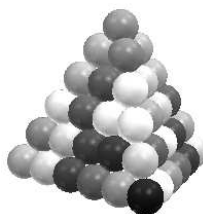


# 56 Fifty-Six LVI



Corresponding ordinal: fifty-sixth.

The number  $56 = 1 + 3 + 6 + 10 + 15 + 21$  is the sum of the first six triangular numbers, as you can see, so it is the sixth tetrahedral number.



The number 56 is the twenty-ninth even number and the thirty-ninth composite number.

As a product of primes:  $56 = 2^3 \cdot 7$ .

The number 56 has eight divisors: 1, 2, 4, 7, 8, 14, 28, 56.

The number 56 is the eleventh abundant number:  $s(56) = 1 + 2 + 4 + 7 + 8 + 14 + 28 = 64 > 56$ . It must be abundant because it is twice the perfect number 28.

As a sum of four or fewer squares:  $56 = 2^2 + 4^2 + 6^2$ .

As a sum of nine or fewer cubes:  $56 = 5 \cdot 1^3 + 3 \cdot 2^3 + 3^3 = 2 \cdot 1^3 + 2 \cdot 3^3 = 7 \cdot 2^3$ .

As the difference of two squares:  $56 = 9^2 - 5^2 = 15^2 - 13^2$ .

The number 56 appears in seven Pythagorean triples:

$$\begin{array}{llll} [33, 56, 65] & [42, 56, 70] & [56, 90, 106] & [56, 105, 119] \\ [56, 192, 200] & [56, 390, 394] & [56, 783, 785] & \end{array}$$

The first and the last are primitive.

As a sum of two odd primes:  $56 = 3 + 53 = 13 + 43 = 19 + 37$ .

There were 56 signers of the Declaration of Independence.

At age 56, Andrew Johnson was inaugurated as President of the United States.

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At age 56, Woodrow Wilson was inaugurated as President of the United States.

At age 56, Richard Milhous Nixon was inaugurated as President of the United States.

Fifty-Six is a town in Arkansas.

There are 56 cards in the minor arcana of a tarot deck.

The Hebrew word for “day”, used in *Genesis* 1 (for example, in “And the evening and the morning were the first day.”), has numerical value 56.

The Stonehenge monument contains 56 pits, called “Aubrey holes”, arranged in a circle.