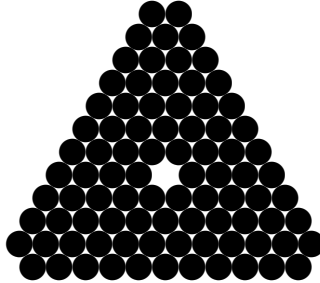


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Corresponding ordinal: eighty-seventh.

The number 87 is the forty-fourth odd number and the sixty-third composite number.

As a product of primes: $87 = 3 \cdot 29$.

The number 87 has four divisors: 1, 3, 29, 87.

The number 87 is the sixty-seventh deficient number: $s(87) = 1 + 3 + 29 = 33 < 87$.

As a sum of four or fewer squares: $87 = 1^2 + 1^2 + 2^2 + 9^2 = 1^2 + 1^2 + 6^2 + 7^2 = 1^2 + 5^2 + 5^2 + 6^2 = 2^2 + 3^2 + 5^2 + 7^2$.

As a sum of nine or fewer cubes: $87 = 6 \cdot 1^3 + 3 \cdot 3^3 = 1^3 + 4 \cdot 2^3 + 2 \cdot 3^3$.

As a difference of two squares: $87 = 16^2 - 13^2 = 44^2 - 43^2$.

The number 87 appears in five Pythagorean triples: [60, 83, 87], [87, 116, 145], [87, 416, 425], [87, 1260, 1263], [87, 3784, 3785]. The third and the last are primitive.

As a sum of three odd primes: $87 = 3 + 5 + 79 = 3 + 11 + 73 = 3 + 13 + 71 = 3 + 17 + 67 = 3 + 23 + 61 = 3 + 31 + 53 = 3 + 37 + 47 = 3 + 41 + 43 = 5 + 11 + 71 = 5 + 23 + 59 = 5 + 29 + 53 = 5 + 41 + 41 = 7 + 7 + 73 = 7 + 13 + 67 = 7 + 19 + 61 = 7 + 37 + 43 = 11 + 17 + 59 = 11 + 23 + 53 = 11 + 29 + 47 = 13 + 13 + 61 = 13 + 31 + 43 = 13 + 37 + 37 = 17 + 17 + 53 = 17 + 23 + 47 = 17 + 29 + 41 = 19 + 31 + 37 = 23 + 23 + 41 = 29 + 29 + 29$.

The number $87 = 2^2 + 3^2 + 5^2 + 7^2$ is the sum of the squares of the first four primes.

The number 87 is equal to $1 + 1 + 2 + 1 + 3 + 1 + 2 + 4 + 1 + 5 + 1 + 2 + 3 + 6 + 1 + 7 + 1 + 2 + 4 + 8 + 1 + 3 + 9 + 1 + 2 + 5 + 10$ which is the sum of the sums of the divisors of the numbers from 1 to 10.

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The number 87 is the number of years between the Declaration of Independence and the battle of Gettysburg. It is the first four words of Lincoln's Gettysburg address: "Four score and seven"

The popular HO scale for model trains is a ratio of 87 to 1.

"The 87th Precinct" was a popular series of police procedural novels by Evan Hunter writing under the name Ed McBain.

"Number 87" is a 1922 mystery novel by Eden Phillpotts. The number stands for element 87 of the periodic table, the last discovered natural element (1939). The book includes a fictional account of the discovery of this element.