

常用的勾股数有哪些

常见的几种通式:

(1) $(3, 4, 5), (6, 8, 10) \dots 3n, 4n, 5n$ (n 是正整数)

(2) $(5, 12, 13), (7, 24, 25), (9, 40, 41) \dots 2n + 1, 2n^2 + 2n + 1$ (n 是正整数)

(3) $(8, 15, 17), (12, 35, 37) \dots 2^2(n+1), [2(n+1)]^2 - 1, [2(n+1)]^2 + 1$ (n 是正整数)

(4) $m^2 + n^2, 2mn, (m+n)^2$ (m, n 均是正整数, $m > n$)