

Main 50x1000 grid of numbers with color coding (yellow, orange, gray, blue) and various annotations.

BBS-ISL Matrix: 50x1000 Showing 24 Factors and the Primitive Pythagorean Triples (PPT)

Yellow = All cells ÷ 24 Yellow-Orange = PPT cells (also ÷ 24) AND PPT + "r-steps" value.

SUB-MATRIX 2: BASE
Sub-matrix: Cell values/grid
= cell/grid Example: 24/6=4

PPT Axis value + "r-steps" value = c + r, e.i. 5 + 2 = 7

While some Rows with Yellow cells are NOT PPT Rows, ALL PPT Rows and PPT+ "r-steps" Rows ALWAYS fall on ROWS with MULTIPLE Yellow cells: @ 1,5,7,11,13,17,19,..., i.e., ALL PPTs, AND PPT+ "r-steps," ALWAYS fall either side of an Axis Row ÷ by 6! PPTs are shown in GRAY

For ANY Square: Sum of Opposite Corners = Center/2

For ANY Diamond: Sum of ALL Corners = Center/4

Key Yellow Pattern: + - + - - , + - + - - , + - + - - , ...

PRIME FACTORS as Columns (on TOP Horizontal Axis) intersect with ÷24 values (Y-O) on Active Rows. On Active Rows with NO PRIMES, the PRIME FACTORS are designated with a BLUE outline. The significance is 1.) that these PRIME FACTORS divide into the Active Row candidate and therefore ELIMINATE IT AS A PRIME NUMBER, and, 2.) they fall precisely on the ÷24 values, following the same Key Yellow Pattern (above). ALL PPTs and PRIMES follow this SAME pattern horizontally and vertically! (Note: non-primes 1,35,49, ... are divisors, shown in light gray Column)

PRIME NUMBERS HIGHLIGHTED

Copyright©2016, Reginald Brooks, Brooks Design. All rights reserved.