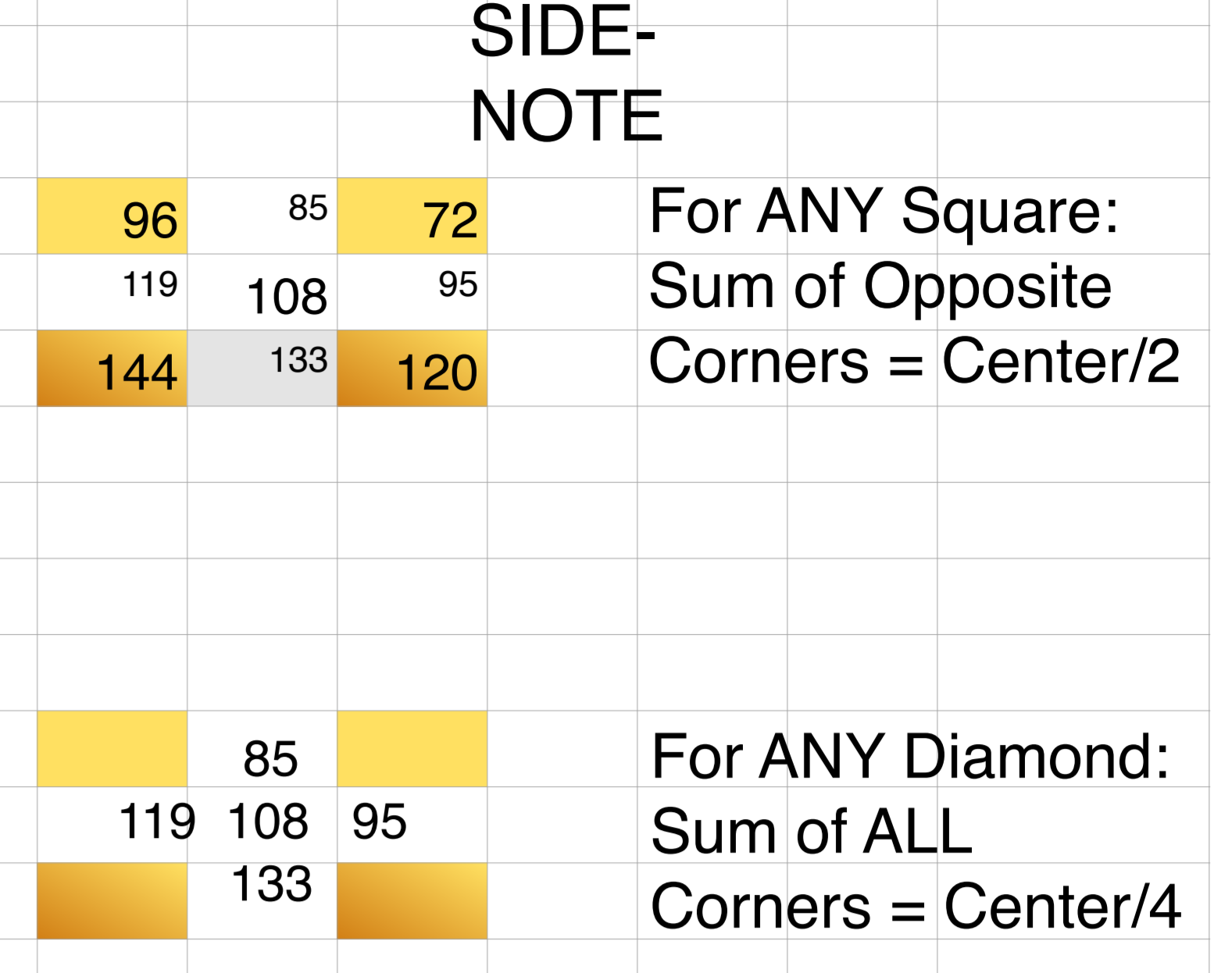


BBS-ISL Matrix: 50x1000 Showing 24 Factors and the Primitive Pythagorean Triples (PPT)

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

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 Remember: r=(a+b) - c



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

(PPT Perimeter + "r-steps")÷2 = (P+r)/2 = c + r, e.i. (3+4+5+2)/2=5+2=7.

Copyright©2018, Reginald Brooks, Brooks Design. All rights reserved.

referenced as Table VI b

Prime Numbers in PPT

Main 50x1000 grid of numbers with color-coded cells (yellow, yellow-orange, gray) representing PPTs and their r-steps. Includes row and column indices from 1 to 1000.

SIDE-NOTE

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

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

28-45-53 r=20

16-63-65 r=14

33-56-65 r=24

48-55-73 r=30

13-84-85 r=12

36-77-85 r=28

39-80-89 r=30

65-72-97 r=40