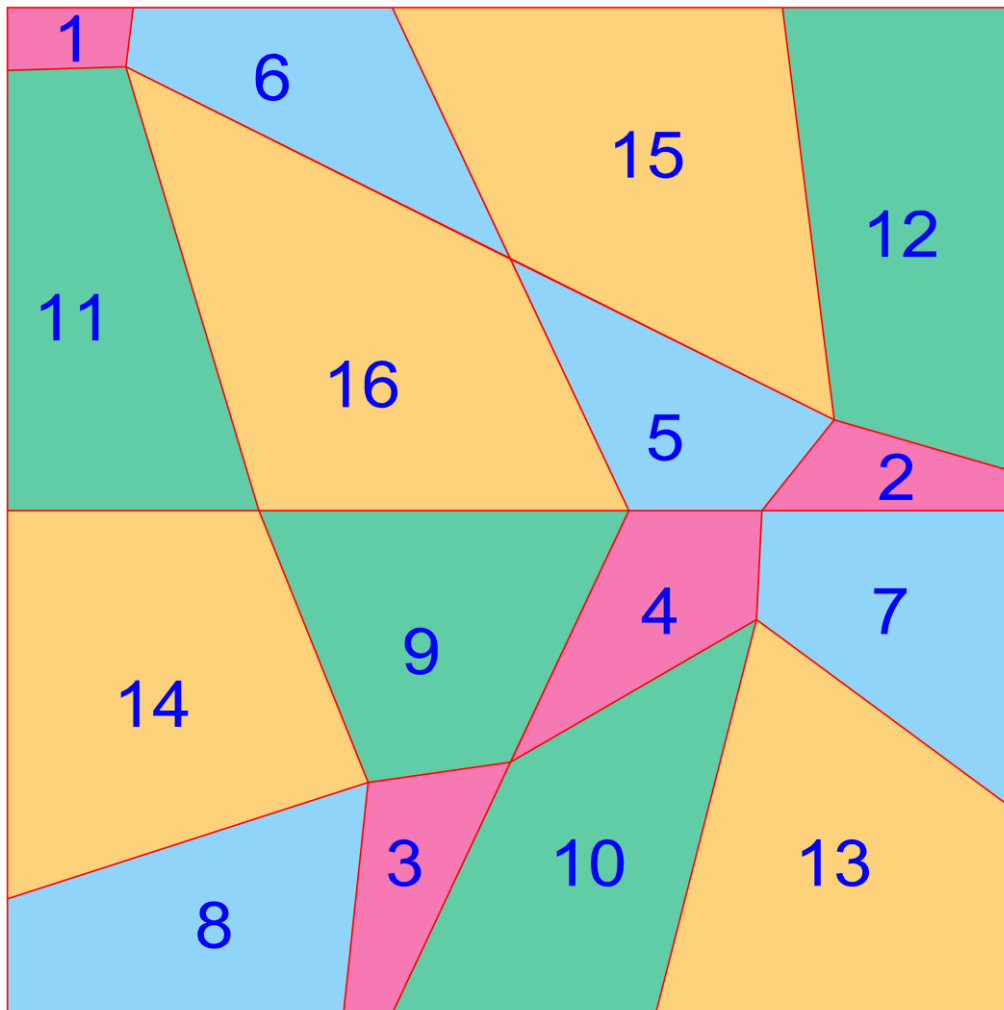


# First Area Magic Square made of a Classical Magic 4x4-Square



Walter Trump, 2017-01-26 : AMS interpretation of Frénicle's square n°63

Graphic made by William Walkington who had the idea of Area Magic Squares.

Exact coordinates of the 25 points (intersections). Factor:  $u = \frac{1}{8\sqrt{34}}$

x-coordinates

0	$68 \cdot u$	$208 \cdot u$	$418 \frac{218}{223} \cdot u$	$544 \cdot u$
0	$64 \cdot u$	$272 \cdot u$	$447 \cdot u$	$544 \cdot u$
0	$136 \cdot u$	$336 \cdot u$	$408 \cdot u$	$544 \cdot u$
0	$195 \cdot u$	$272 \cdot u$	$405 \cdot u$	$544 \cdot u$
0	$181 \frac{87}{125} \cdot u$	$208 \cdot u$	$350 \frac{38}{71} \cdot u$	$544 \cdot u$

y-coordinates

$544 \cdot u$	$544 \cdot u$	$544 \cdot u$	$544 \cdot u$	$544 \cdot u$
$510 \cdot u$	$512 \cdot u$	$408 \cdot u$	$321 \cdot u$	$293 \frac{3}{97} \cdot u$
$272 \cdot u$	$272 \cdot u$	$272 \cdot u$	$272 \cdot u$	$272 \cdot u$
$62 \frac{14}{195} \cdot u$	$125 \cdot u$	$136 \cdot u$	$213 \cdot u$	$110 \frac{78}{139} \cdot u$
0	0	0	0	0