

1	10	18	5	21
22	7	24	9	3
14	20	13	6	12
23	17	2	19	4
5	11	8	16	25

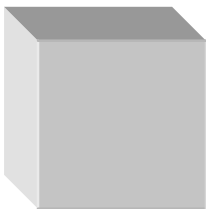
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WHAT IS A MAGIC TESSERACT?

A Magic Tesseract is the 4-Dimensional equivalent to the Magic Square of 2-Dimensional space and the Magic Cube of 3-Dimensional space.

If you say that you do not believe in 4-Dimensional space, then why does the Bible talk in terms of “length, width, thickness and breadth?” If we live in a 3-Dimensional world, then how come we can believe in 2-Dimensional abstract concept such as circles and squares drawn on a piece of paper because the ideal piece of paper would have zero thickness and thus would not exist.

The problem has to do with representation. There is a distortion in drawing a cube on a piece of paper, so we say that we project a cube onto a piece of paper in such a way that our imagination allows us to see with our minds the rest. The projection of a cube onto a piece of paper gives certain amount of distortion to the cube. Some faces look like rhomboids. When you project from 4-Dimensions onto a piece of paper, you would be undergoing a double distortion.



A Cube.

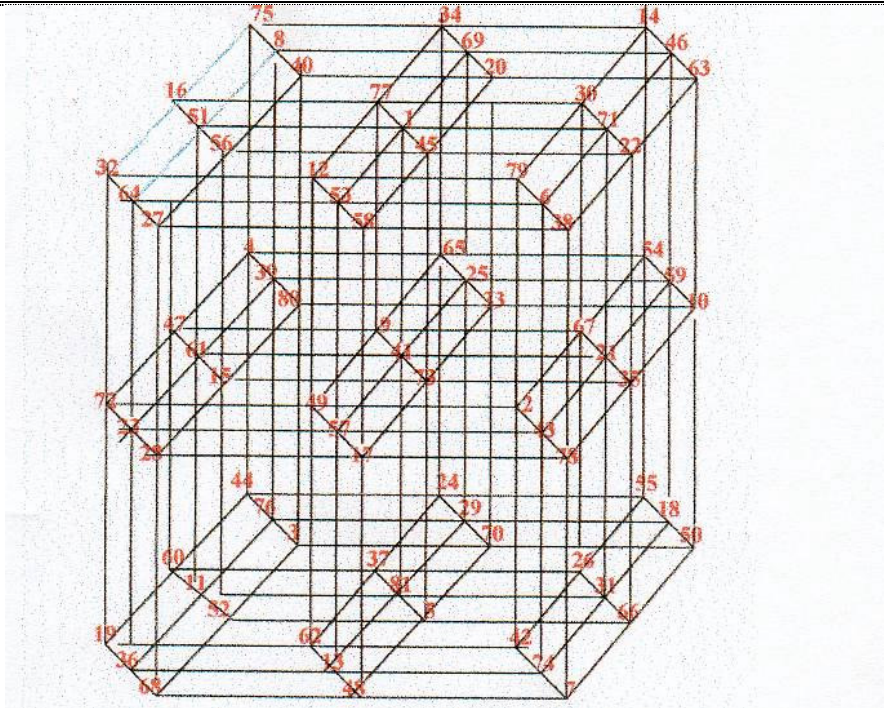
One could keep track of where each number is located by means of a coordinate system. One would use (w, x, y, z) , with a number assigned. For example:

$$N(0, 0, 0, 0) = 68$$

$$N(1, 0, 0, 0) = 36$$

$$N(2, 0, 0, 0) = 19$$

$$\text{Magic Sum} = 123$$



A Magic Tesseract

The best way is to use an open lattice system and to project it onto a piece of paper and this can be done for small orders such as orders 3 and 4.

The customary method is to use planar cross-section. The larger ones are housed in a computer and accessed by various cross-sections as needed,

Can you find the 27 rows, 27 columns, 27 pillars and 27 files on the example here?

Can you find the 8 quadragonals, or 4-Dimensional diagonals?

A square is bounded by 4 line segments; a cube by 6 squares. Can you find the 8 bounding cubes?"