# Tetris Math

## JonathanSolvesProblems from javidx9

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$$\begin{pmatrix} 0 & 1 & 2 & 3 \\ 4 & 5 & 6 & 7 \\ 8 & 9 & 10 & 11 \\ 12 & 13 & 14 & 15 \end{pmatrix}$$

**With Rotation**

$$\begin{pmatrix} 12 & 8 & 4 & 0 \\ 13 & 9 & 5 & 1 \\ 14 & 10 & 6 & 2 \\ 15 & 11 & 7 & 3 \end{pmatrix}$$

**Equations at Different Degrees of Rotation**

- 0°) i=y*w+x

- 90°) i=12+y-(x*4)

- 180°) i=15-(y*4)-x

- 270°) i=3+y*(x*4)