The Joy of Mathematics I

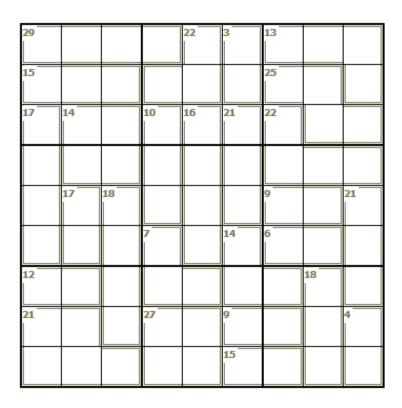
Week 2

Exercises

1) You might like to try a Killer Sudoku which is a little harder



Tricky - 3930, Monday 29th September, 2014



2) The formula for the magic constant for a square size n is $n(n^2 + 1) / 2$ Try making your own 5 x 5 magic square (I gave you a clue). It should add up to 5(5x5 + 1) / 2 = 65 Can you find anything about any other squares that add up to 65?

3) We looked at a five pointed magic star. Can you make a six pointed magic star?

