



Beat the Square Multiplication

You will need this 20 x 20 grid, pens/pencils, and two 12-sided dice (or two sets of 1-12 digit cards)

1. Work individually or in pairs to 'beat the square'
2. Roll the dice or select two cards to make a multiplication
3. Write the multiplication down next to the grid and work out the answer
4. The answer should then be translated into a shape on the grid

For example, if you roll 6 and 4 you will draw a shape that's 6 squares by 4 squares with an area of 24cm^2

5. The aim is to fit as many shapes onto the grid as possible until there's no space left
6. When you can fit more than 10 shapes onto the square, then you'll have 'beat the square!'

Bonus: Every game has one 'throw again' in case you roll a big number such as 12×12 . You can collect more 'throw agains' by rolling two numbers the same to create a square number.

Good luck in beating the square!

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