

Celebrating Maths Week 2018 with 5 puzzles!!

Maths Week 2018 Puzzles - Post all 5 answers in the maths puzzle box located in the Coffee Dock



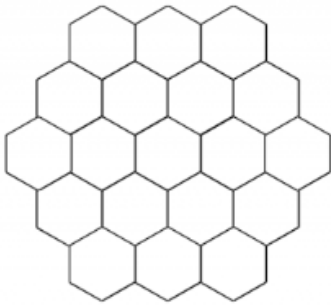
How many siblings?

Mary has twice as many brothers as sisters, while her brother John has twice as many sisters as brothers. How many children are there in their family?



How old is Lucy?

Sarah is three times as old as Peter. Max is twice as old as Peter. Lucy is two years older than Max. Altogether their ages sum to 26 years. How old is Lucy?



Honeycomb puzzle

Arrange the numbers 1-19 in the honeycomb grid (left) so that each row, column and diagonal adds to 38. You can only use each number once and every number must be used.



World Cup Qualifiers

There are 6 teams in a group. Each team plays every other team twice.

How many games are there in total?



Space mission

A rocket blasts off from Earth heading for Mars, getting faster as it travels. In fact, the rocket's speed doubles every week that it's in space. If the rocket lands on Mars in week 12, in which week was it halfway there?