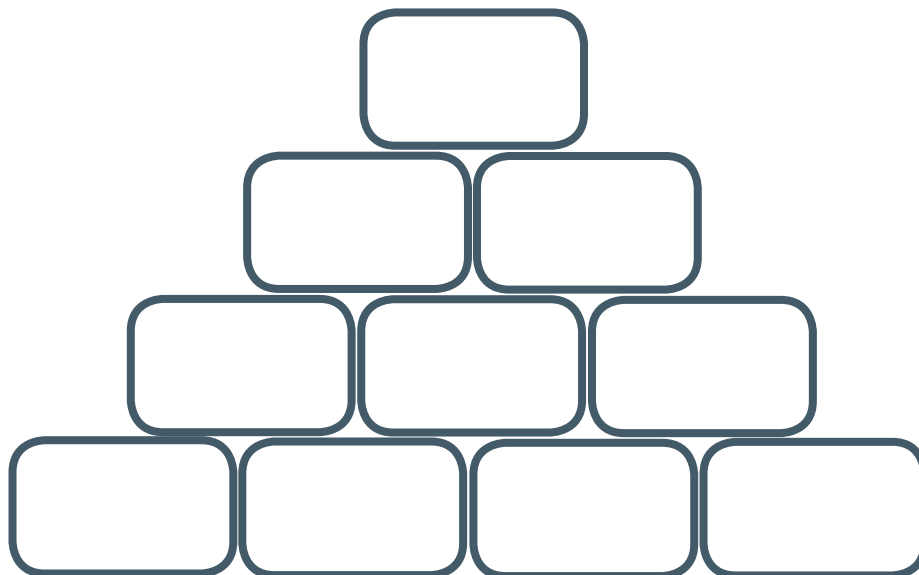


Multiplication pyramid puzzle



Family Maths
Toolkit



Using the single digits 1-4, insert them in each of the bottom 4 boxes in any order.

Multiply 2 adjacent boxes to complete the 1 immediately above.

What arrangement of bottom row digits gives the total of 96 in the top box?

Can you find more than one way to reach this total?

What other totals can you find by re-arranging the bottom row?

In how many ways can you find each total?

Family comments:

Child comments:



Curriculum Link

Multiply multi-digit numbers up to 4 digits, working systematically to find all possibilities.

Juggling rings

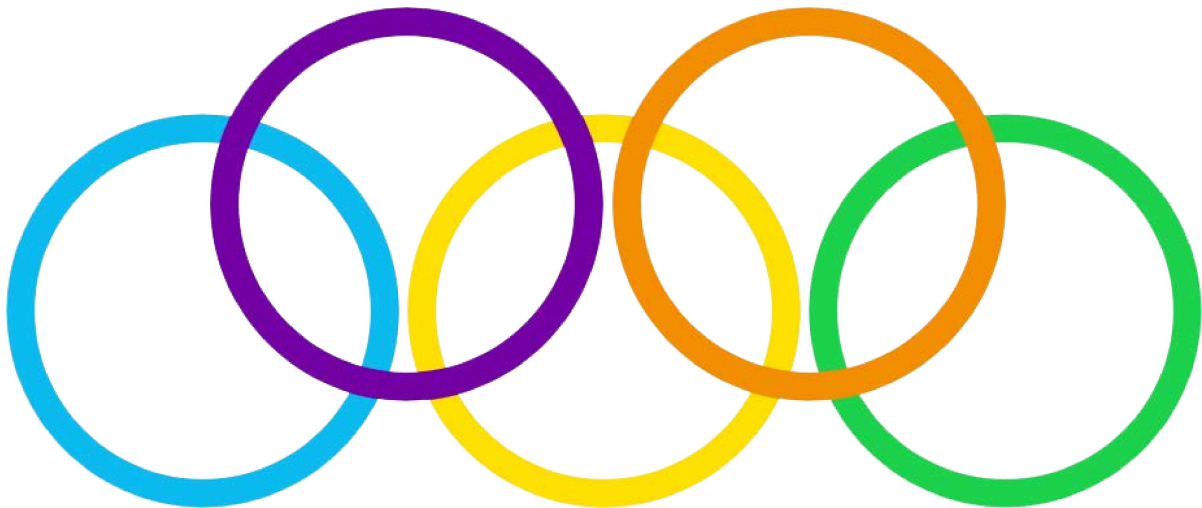


Family Maths
Toolkit

A circus clown has a set of five juggling rings in different colours. Before he starts his act he lays them out so they overlap.

This creates 9 separate areas within the rings. Can you place all the numbers from 2-10 in each of these areas so that each complete circle adds up to an even number?

There is more than one answer so challenge all your family!



Family comments:

Child comments:



Curriculum Link

Use mental calculations to solve problems; working systematically.