

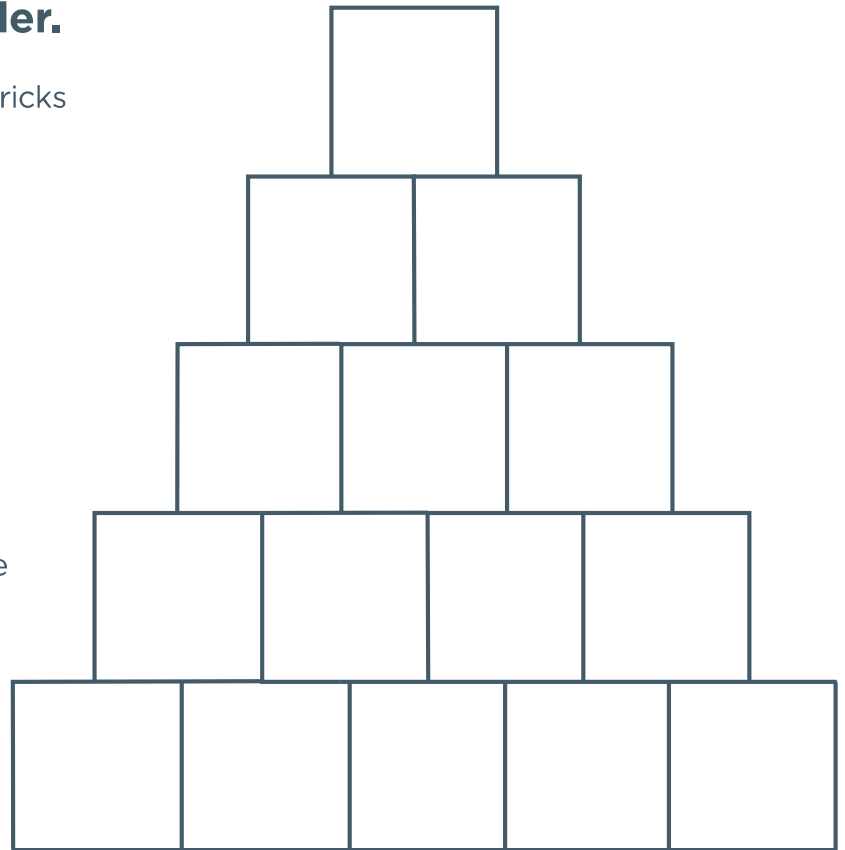
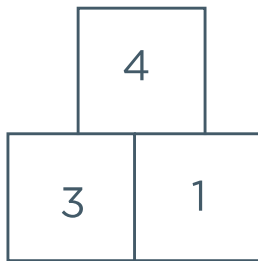
Pyramid puzzle



Family Maths
Toolkit

Place the digits 1 to 5 in each of the bottom 5 squares, in any order.

The numbers are found by adding two bricks immediately below. For example:



What arrangement of the numbers in the bottom row gives the highest total in the top brick of the pyramid?

What arrangement will give the smallest number in the top brick?

Family comments:

Child comments:



Curriculum Link

Add numbers mentally with increasingly large numbers, thinking and reasoning.

Space Pirates!



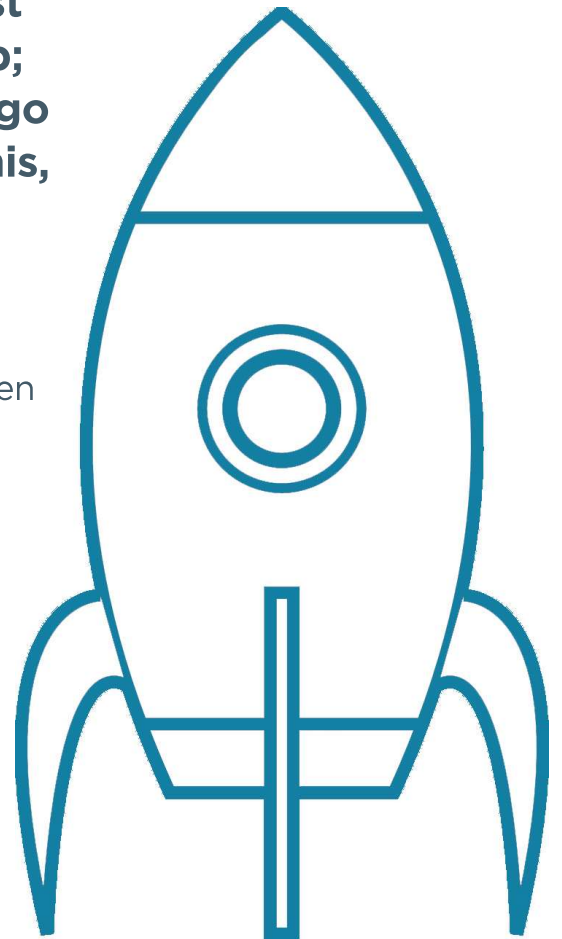
Family Maths
Toolkit

9 space pirates find an alien treasure chest full of gold pieces in a captured spaceship; they decide to share the gold pieces and go different ways. However, when they try this, there are 2 gold pieces left over. A fight breaks out over who should have them!

One space pirate is called back to base. The others take their chance and split up the gold pieces between the 8 of them, but again they argue because there is one left over.

Work out how many gold pieces the space pirates found.

Change the problem for a friend by having a different number of space pirates or the number of gold pieces left over. Check it works!



Family comments:

Child comments:



Curriculum Link

Solve a range of problems using division, working systematically and developing mathematical thinking.