

Egg Box Investigation

How many different ways can you sort out eggs in an egg box?

Start with one egg and an egg box that can hold six eggs. How many different places can you put your egg?

Record on the Egg Box Sheet! (You may need a number of these sheets!) Fill in the table showing the number of different ways.

Now use two eggs. How many different ways can you sort these into the egg box? There are a lot of different ways..... Record your answers on the egg box sheet and then in the table.

Keep repeating this exercise increasing the number of eggs. You can record your results in the table. Can you draw a block graph on squared paper to show your results?

Other Sorting Activities

What if you had all six eggs to place in your egg box, but they were two different colours. Suppose you had 3 red eggs and 3 blue eggs - can you find all the different ways of sorting them?

What if you had all six eggs, but this time they were 3 different colours, 2 red eggs, 2 blue eggs and 2 yellow eggs? Can you investigate how many different ways there are of sorting these eggs?

Egg Box Sheet

