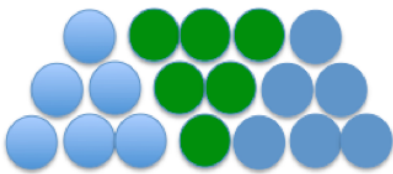# Task notes | **What's the pattern?**

> ❯ Notes for parents. Activity next page.

The purpose of this task is to help your child to:

- see number patterns
- make a table to show a number pattern
- describe in their own words how the pattern works (the rule for the pattern)
- apply their knowledge of the 3 and 4 x tables

You may like to print the task sheet on the following page or make one of your own.

Your child is asked to **make a table** to show the pattern.
A table for this pattern might look like this.

Triangle number	1	2	3	4	5	6	7	8
Balls in triangle	5	5	5	5	5	5	5	5
Balls altogether	5	10	15	20	25	30	35	40

Your child is asked to **describe the pattern** and understand how it works. It might be like this.

'As each triangle is added, the total number of balls grows by five. If you multiply the number of the triangle by 5 you can find the number of balls altogether.'

Your child is also asked to work out a number that is **bigger than** the numbers in the table. For example, 'So if there were 40 triangles there'd be 40 x 5 balls which is 200.
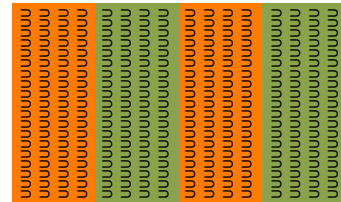
Jodie is knitting a scarf. 4 rows orange,
4 rows green is her pattern.

What colour will the **25th row** of knitting be?

What colour will the **37th row** of knitting be?

Draw a table (chart) to show the pattern and how you know.
Write a sentence in your own words to describe the pattern.

Auntie Sara is making a frangipani (flower
pattern). How many petals will be in 10 flowers?

Draw a table (chart) to show the pattern and how you know.

Write a sentence in your own words to describe the pattern.

Jayden's uncle has completed 2 sections
of his fence that will be 12 sections long
when it's finished.

How many fence palings and posts will he need altogether?

Draw a table (chart) to show the pattern and how you know.

Write a sentence in your own words to describe the pattern.