



Chilli Challenges - 18/1/21

Answer at least one challenge question.

Self-assess your learning with the answers.

No Peeking!

Green Chilli

One apple costs 7 pence. How much would 5 apples cost?
Use a bar model to solve the problem.

Yellow Chilli

Mrs White's class are selling tickets at £2 each for the school play.

The class can sell one ticket for each chair in the hall.

There are 7 rows of chairs in the hall.
Each row contains 9 chairs.

How much money will they make?

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Red Chilli

What do you notice about the pattern
when counting in 7s from 0?
Does this continue beyond 7 times 12?

Can you explain why?

In which other times tables will you see the
same pattern?

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Answers

7p times 5 apples =

$$7 \text{ times } 5 = 35$$

35p

Number of tickets
(chairs):

$$7 \times 9 = 63$$

$$63 \times \text{£}2 = \text{£}126$$

Odd, even pattern
because

$\text{odd} + \text{odd} =$
even.

Then

$\text{even} + \text{odd} =$
odd,

and this will
continue
throughout the
whole times
table.

The same pattern
will occur in all
other odd
multiplication
tables (e.g. 1, 3, 5,
9).