Year 1 - Number Bonds

Dora has 10 p to spend.

5 p

6 p

4 p

5 p

6 p

4 p

Which two items could she buy?
How many different ways can she do it?

Year 1 - Number bonds

Roll a dice to create a number e.g *8*

Using the numicon how many different ways can you make this number bond?

e.g. 8 + 0 = 8

1 + 7 = 8

Can you record them as number sentences?

How many number sentences did you find for each number bond?

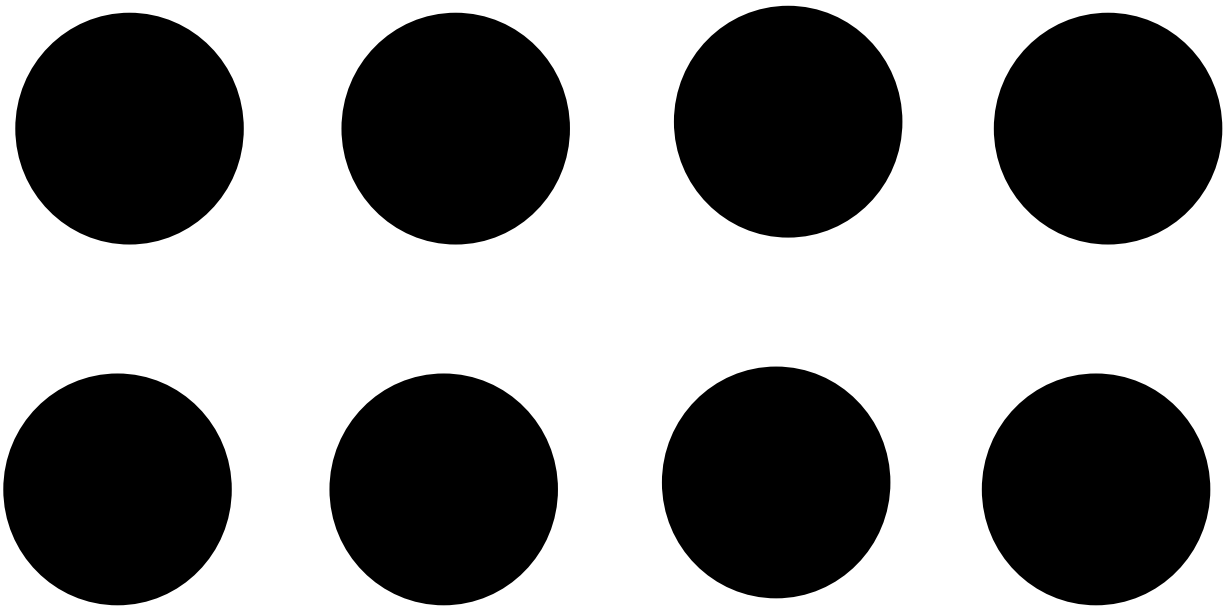
Do you see a pattern in the amount of number sentences there are for each number bond?

Year 1 - Number bonds

All the dots have fallen off 2 toadstools.

How many different ways can you put them back on?

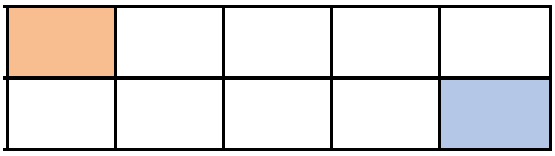
Can you record all the different possibilities as a number sentence? E.g. 4 + 4 = 8



Year 1 - Mastery Challenge

Tommy needs to colour in **all** of the boxes using two different colours.

One box of each colour has been done for him.

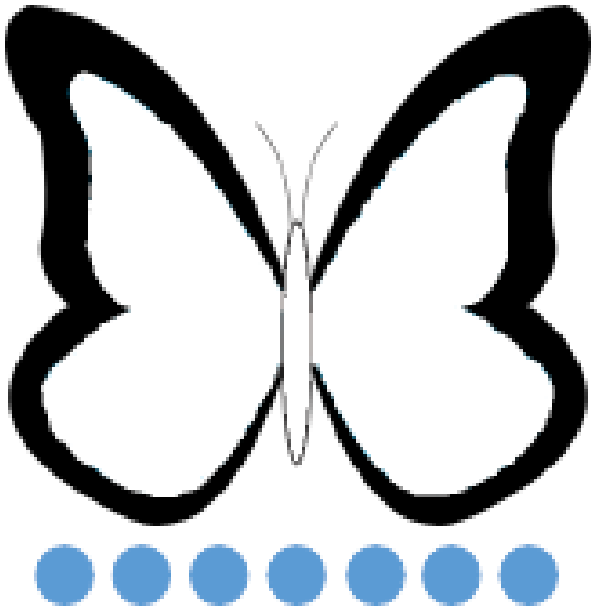


How many different ways can he colour the boxes?

Year 1 - Mastery Challenge

A butterfly's spots have fallen off.
How many different ways can you put the spots back on?

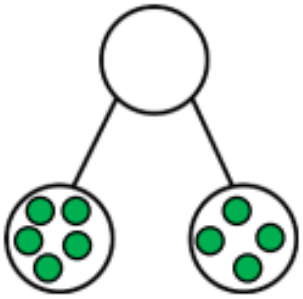
Remember to be systematic.

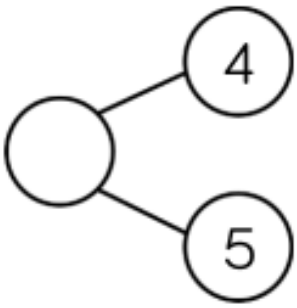


Year 1 – Fluency – Part Whole Model

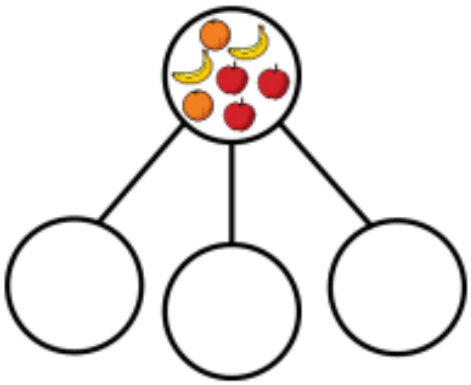
Varied Fluency

Complete the part-whole models by drawing counters and then writing the numerals.





Here are seven pieces of fruit.



Put the fruit into a part-whole model.
Complete the sentences.

_____ is the whole.

_____ is a part, _____ is a part and _____ is a part.

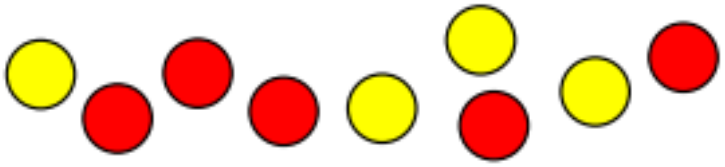
Draw the part-whole model that represents the stem sentences:

- A part is 4
- A part is 3
- The whole is 7

Year 1 – Fluency – Addition Symbol

Varied Fluency

Here are some counters.

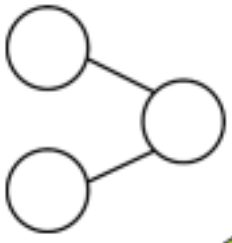


Group the counters by colour.
Fill in the gaps in the sentence and say it out loud.

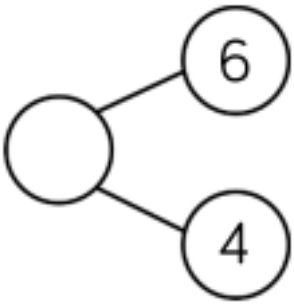
_____ red counters plus _____ yellow counters is equal to _____ counters.

Complete the part-whole model and the number sentence.

□ + □ = □



Use cubes to solve the following calculations.



5 + 3 = □

8 + 1 = □

Year 1 – Fluency – Adding More

Varied Fluency

How many tractors are there in total?

6 + ___ = ___

There are ___ tractors.

There are 3 aeroplanes at the airport.
5 more aeroplanes land.
How many aeroplanes are there now?

Now there are ___ aeroplanes altogether.

How could we represent this as a number sentence?

There are four pennies in a bag and I add two more.
How many pennies do I have now?

□ = □ + □

There are ___ pennies.

Year 1 - Mastery Challenge

Which number bond is the odd one out?

3 + 4

5 + 2

6 + 1

3 + 5

Can you explain your answer to tell your adult why it is the odd one out?