



Fireflies Maths Home Learning

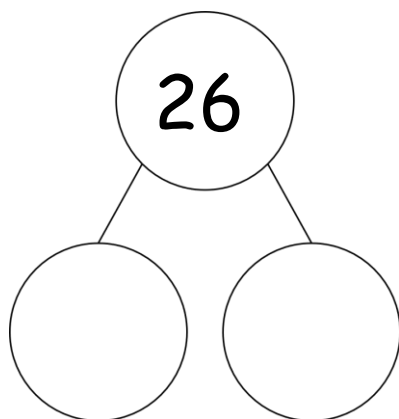
Friday 18th September 2026

This week, our learning has seen us explore partitioning within 100. We began by simply splitting each 2-digit number into tens and ones. Then we had a go at some 'flexible' partitioning. Try out these activities to reinforce the learning taking place in class.

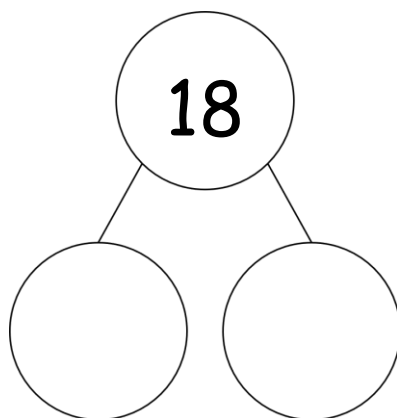
Activity 1:

Partition each whole number into tens and ones. Use the examples to help you.

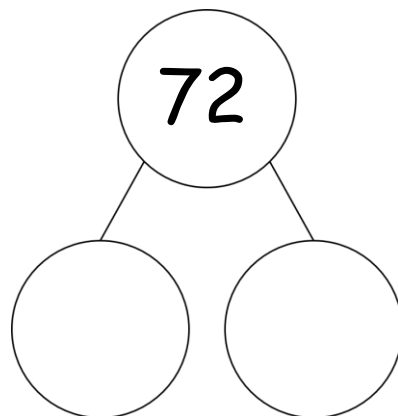
	The whole is 64		$64 = 60 + 4$
	The whole is 59		$59 = 50 + 9$



$$26 = \dots + \dots$$



$$18 = \dots + \dots$$



$$72 = \dots + \dots$$

Activity 2:

Guess my number, it has 6 ones and 8 tens.



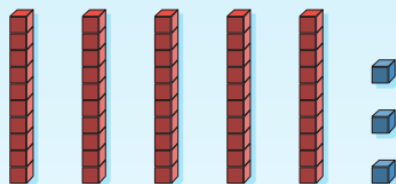
Activity 3:

Let's remind ourselves about **flexible partitioning**. This time, all the tens will NOT go into just one part on the part-whole model.

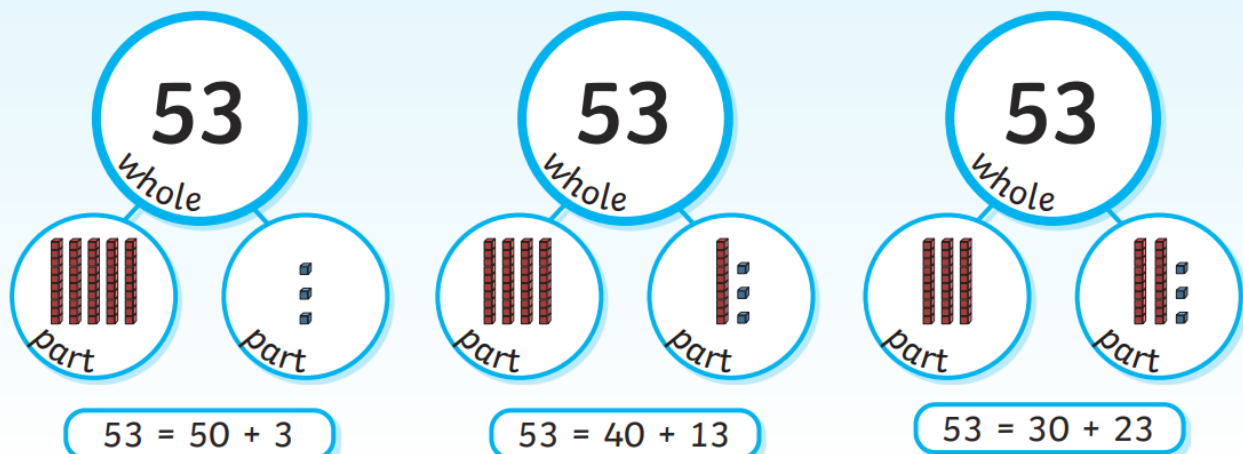
Mia has represented a 2-digit number using base ten.



I have made the number 53.
It has 5 tens and 3 ones.

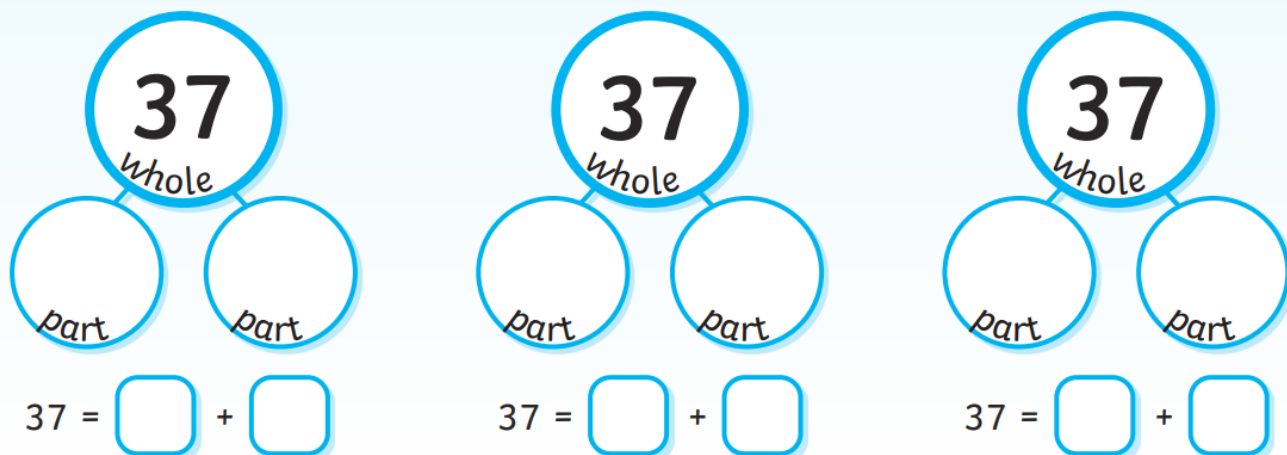


Mia arranges the base ten to show three different ways of partitioning 53.



Complete the sentence and find three ways of partitioning each 2-digit number.

1) 37 has tens and ones.



Look at the parts you have made. Use your knowledge of place value to check that the total number of tens equals 30 (3 tens) each time.

Activity 4:

Flexibly Partition Numbers to 100



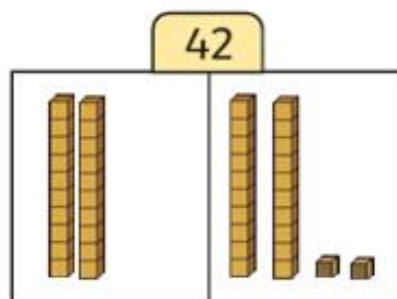
These children have partitioned 42 in different ways.

Match the correct model to each child based on their clue.



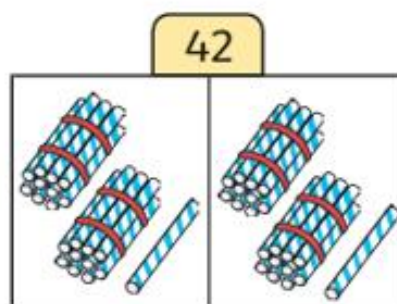
My model has equal parts

Rory



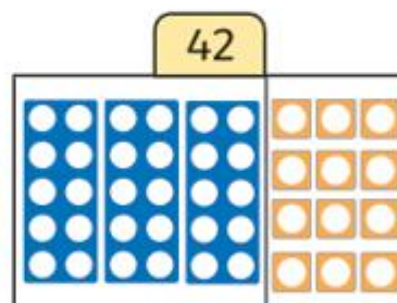
I partitioned 42 into 3 tens and some ones.

Vera



I have a part with 2 tens and a part that has a value of 22.

Kit



Why not try these games to continue the learning.

Remember:

Internet Safety:
Only go online with an adult.



Maths invaders by mathsframe. Choose 'addition' and then click on 'Year 2' to select a game. Good luck!

https://mathsframe.co.uk/en/resources/resource/289/KS2_Maths_Invaders

Estimating numbers on a number line by mathsframe

<https://mathsframe.co.uk/en/resources/resource/37/placing-numbers-on-a-number-line>