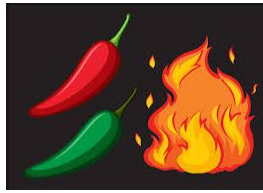


Maths Chilli Challenge

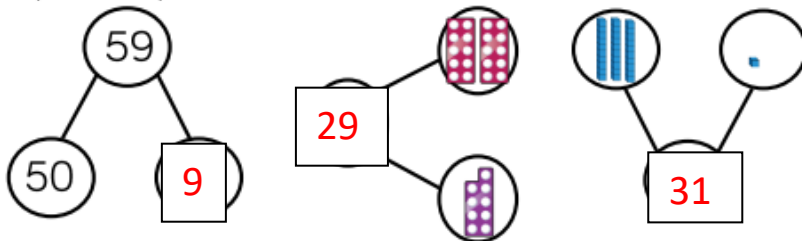


Look at the challenges below and choose a level of chilli you want to start with. If you feel confident doing that challenge, have a go at the next one!



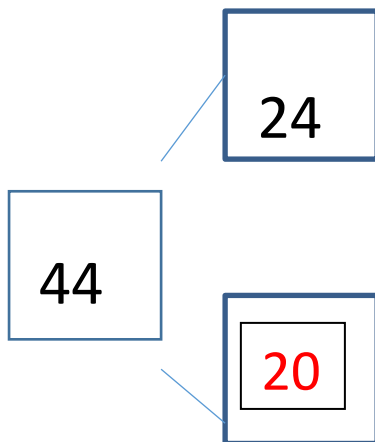
Mild Challenge 1

Complete the part-whole models.



Draw the below numbers using the pictorial method shown in the video.

Draw 44

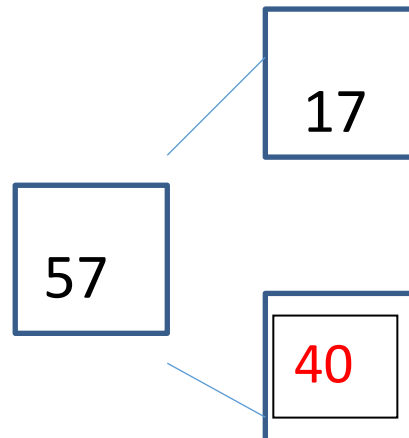


What is the part? 24

What is the part? 20

What is the whole? 44

Draw 57



What is the part? 17

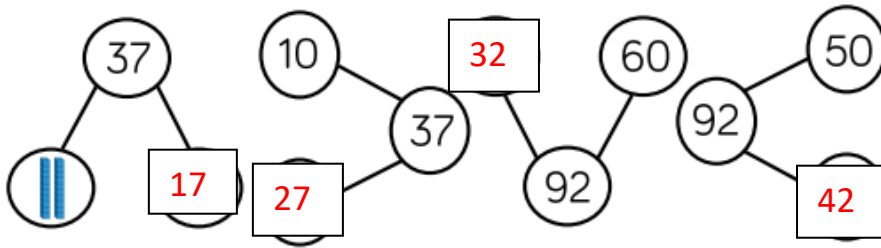
What is the part? 40

What is the whole? 57



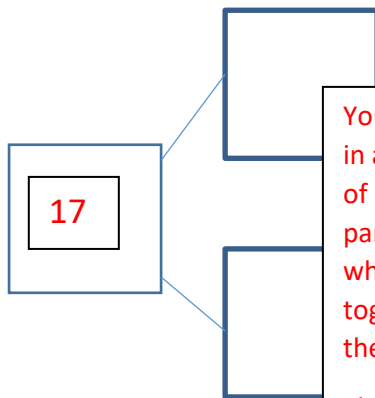
Medium – Challenge 2

Complete the part-whole models.

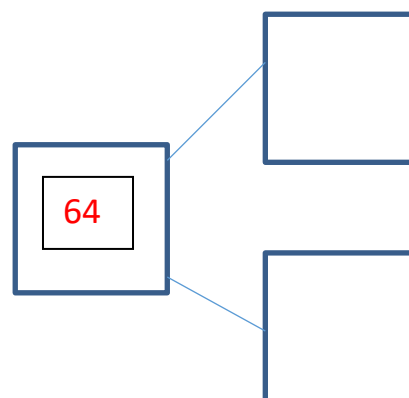


Draw the below numbers using the pictorial method shown in the video

Draw 17



Draw 64



You could have put in any combination of numbers in the part part boxes which when added together make up the whole amount.

The two numbers you have entered should be the parts you write in here.

What is the part? _____

What is the part? _____

What is the whole? 17

What is the part? _____

What is the part? _____

What is the whole? 64



Hot – Challenge 3

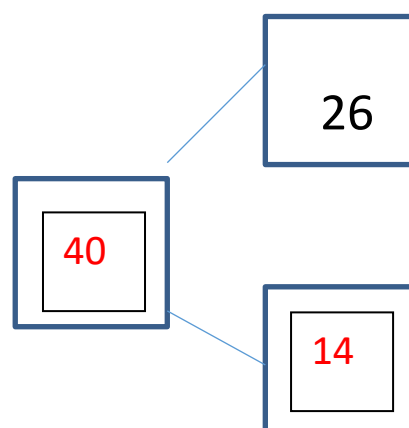
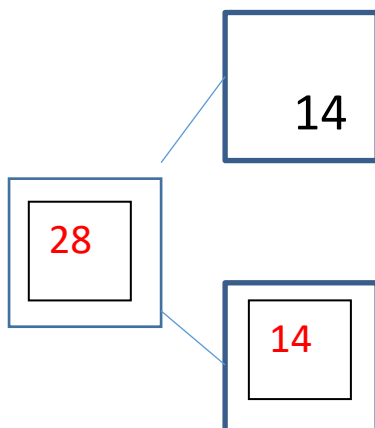
Using the pictorial method draw the below numbers in a part part whole model.

1/ 18

2/ 23

3/ 44

Complete the part part whole models.



Again you would need to have drawn the part part whole model for this question. The whole should always have been the number I gave you. So the whole for question 1 is 18, 2 is 23 and 3 is 44.

You will need to have filled in the other part for this question and added the two parts together to give you a whole. I have done one as an example.

What is the part? 14

What is the part? 14

What is the whole? 28

What is the part? 14

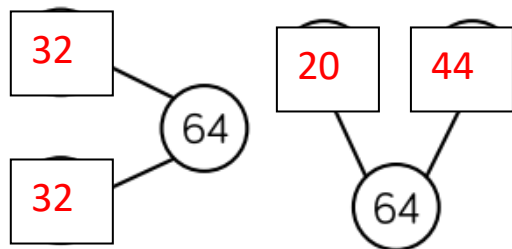
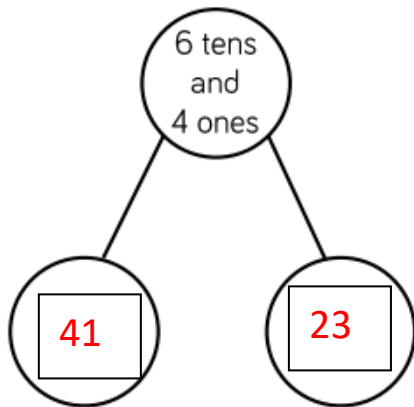
What is the part? 26

What is the whole? 40

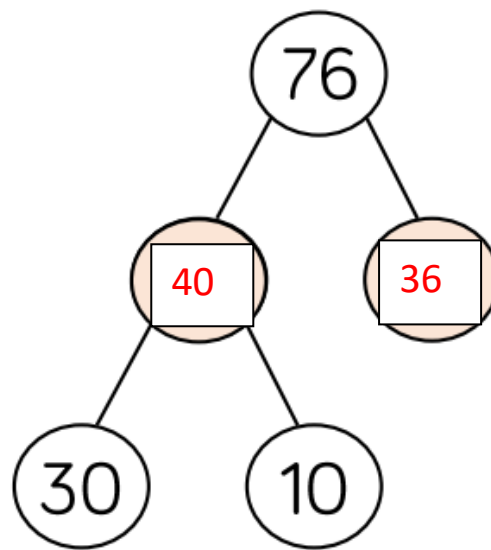


Spicy

Complete each part-whole model in a different way.



Complete the extended part-whole model.



You would have needed to work out $30 + 10$ first to work out the top part. The second part is then what you need to make up 76. Your number sentence would be $76 - 40 = \text{part}$.

There are other parts you could have come up with for this question. I am just showing you some good examples!