

Week 11

This week, children are going to revisit addition. To start with, on Monday, there are activities to recap the Place Value. Then, on Tuesday, children will start with the Kahoot quiz (see details below) and will practice adding tens to any given number. On Wednesday, there is a PowerPoint presentation for you to go through with your child, which will revisit the two main strategies for calculating 2 two-digit numbers. On Thursday, there is a Kahoot quiz and activities to complete, which will consolidate the learning from Monday – Wednesday. On Friday, there are problem solving activities. Prompt your child to explain their thinking.

From this week on, children will be set 2-3 short Kahoot quizzes to build their number fluency and recap some of the learning that has been done. You do not need anything additional for the children to access the quiz, even the phone will do! All you need to do is type “kahoot.it” in the browser and enter the pin of the quiz we will provide you with.

Timetable for the week:

Monday – see activities below

Tuesday – Kahoot quiz, pin: **09749313**; see activities below

Wednesday – PowerPoint presentation

Thursday - Kahoot quiz, pin: **02675987**; see activities below

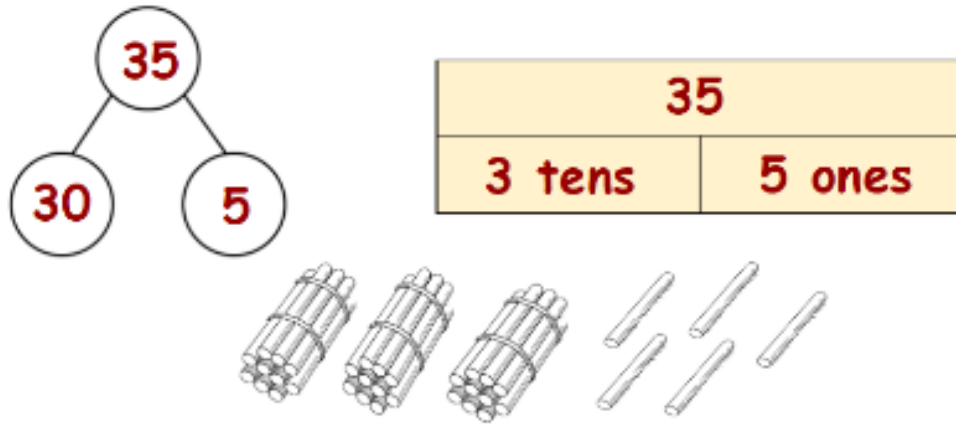
Friday – see activities below

Monday

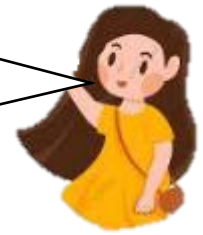
Before the lesson, make up to 10 cards with numbers from 10 to 100 (challenge: include the numbers from 0-10 as well). Then hide those numbers around the house/garden/park (weather permitting). At the end of today’s session children will go on a ‘tens’ hunt.

Tell your child that you are going to talk about tens and ones today. Ask them if they can explain what a ten is? Can they show you (with any objects they can find)? Then, ask them if they can explain and show you a one? 3 ones? 7 ones? 10 ones? Prompt your child to think: What does it mean that they have 10 ones? Tell your child that they have a ten. With your child look at the numbers below and decide how many tens and how many ones there are.

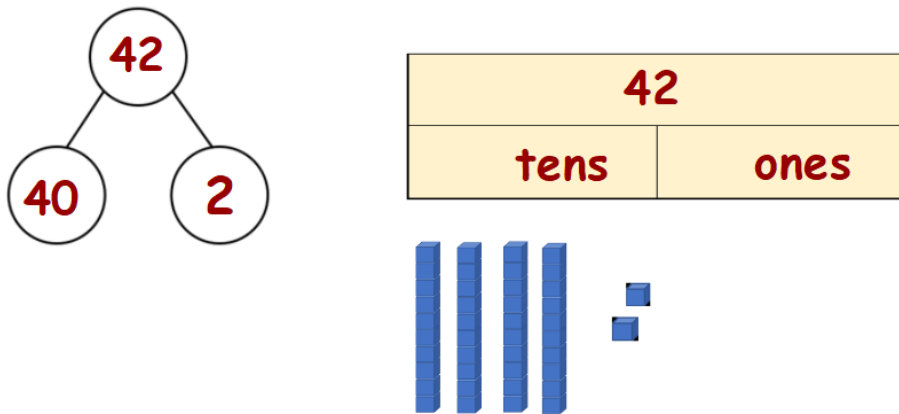
Watch me:



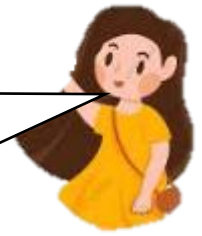
I can see 3 bundles of 10 sticks and 5 single sticks. So, I have 3 tens and 5 ones, or 30 and 5. I have 35 sticks.



Help me:

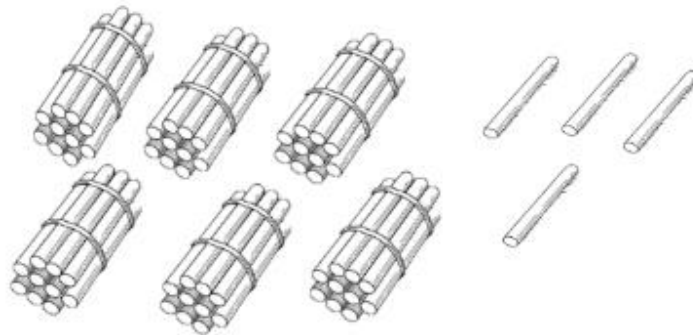
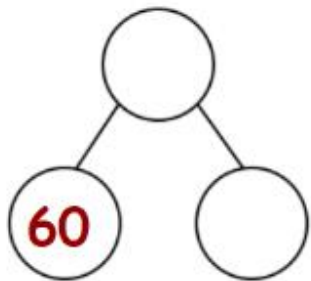
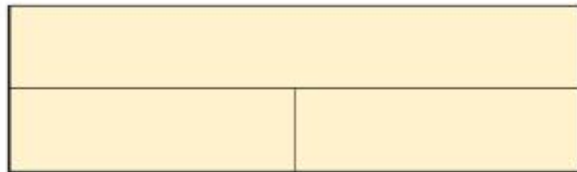
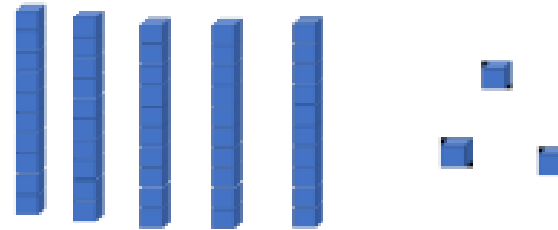
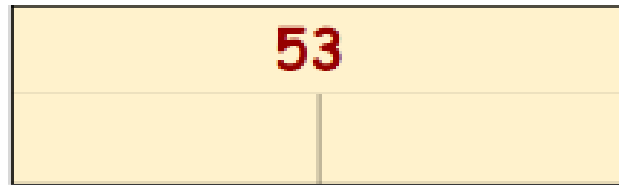
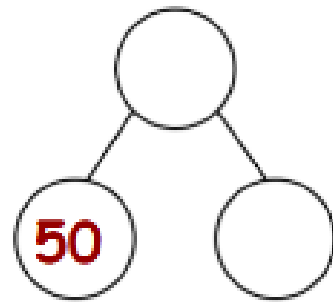


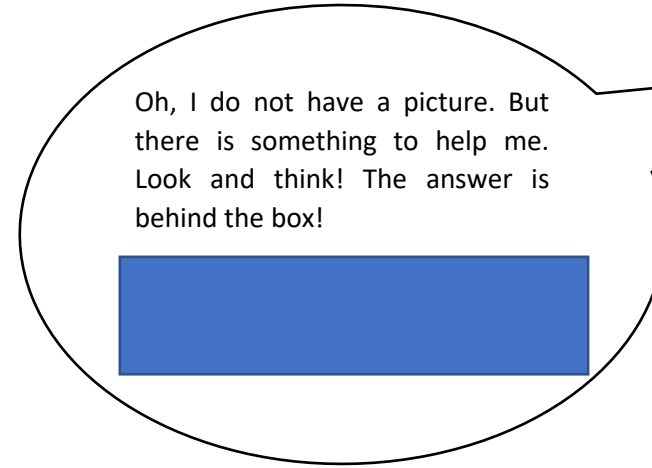
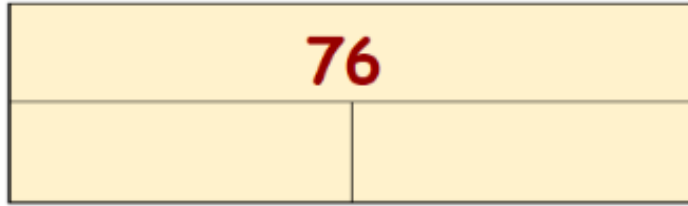
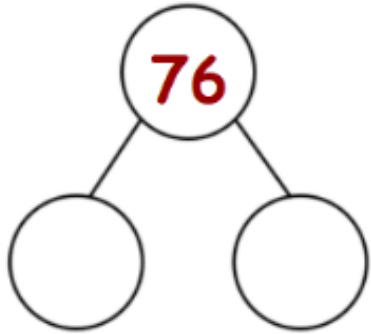
Can you help me? Can you count how many sticks of ten I have? Write down the answer in the bar chart. How many small ones do I have? Record the answer in the bar chart.



Discuss with your child: What do they notice about the bar chart and the part-part-whole model? (The whole goes at the top.)

Your turn: (You can copy the bar chart and the part-part-whole into your book)



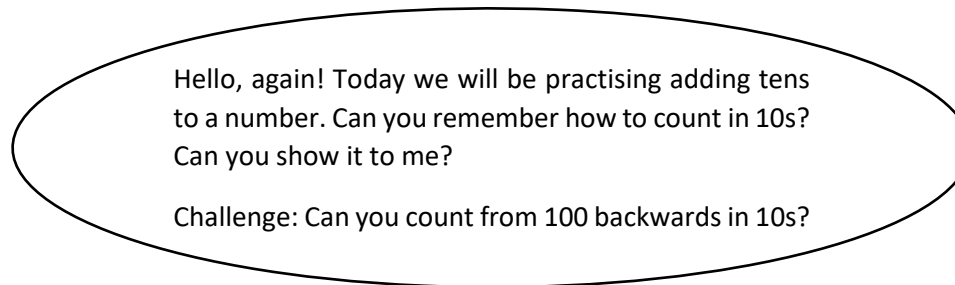


Fill in the gaps. Now, tell your child that they are going on a tens hunt. Explain that you've hidden numbers around the house and children need to find those numbers and tell you the amount of tens each number has.

Tuesday

Please start your maths session today with the Kahoot quiz. Pin for the quiz: **09749313**

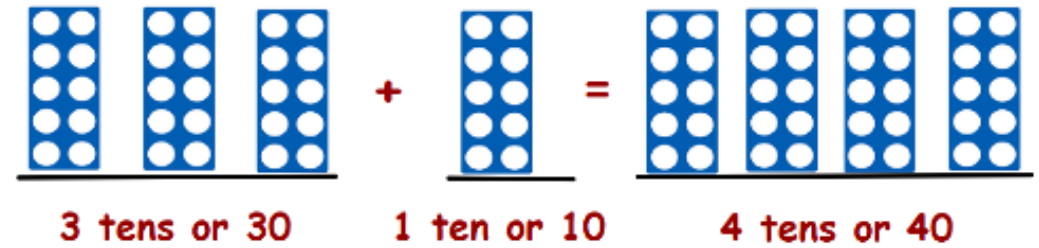
It has a few questions to build fluency and some to recap yesterday's learning. After you have completed the quiz, tell your child that today you are going to be looking at adding tens to a number. There is a video lesson on WhiteRose maths on the topic, should you think your child might need to revise the topic in more detail (open week 4, 11th May, Lesson1 <https://whiterosemaths.com/homelearning/year-2/>). The video is quite lengthy but goes right to the basics.



Watch me



Hm, I can see some numicon. I counted that each of them has 10 holes, so each of them is a ten. I remember that addition means putting numbers together and calculating them. So, 3 tens add one ten is 4 tens.



It is the same as: **30 + 10 = 40**

I can also show this calculation on a hundred square. I can count on from 30 ten ones, or I also know that when I add a ten, I jump down one place from my starting number.



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Your turn

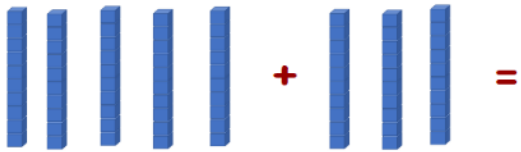




What if I need to add 2 tens to a number?
Think. Answer is behind the box.

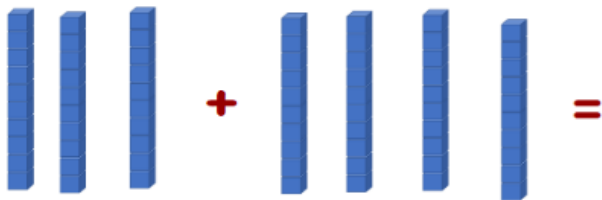


Help me

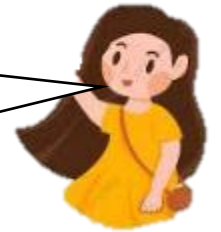


$$\boxed{} + 30 =$$

Your turn

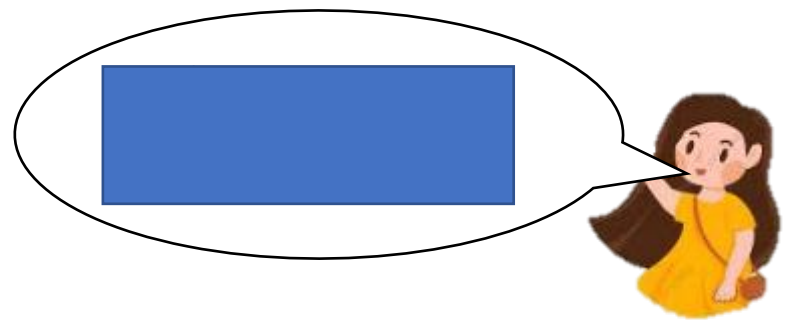


How many tens do I have at the beginning?
Write it down. Now, I can see that I am
adding 3 tens, so what do I do next? Tell me.
Calculate your answer and write it down.





Look at the next example. Do you think you know how to calculate this? Tell me. Answer is behind the blue box.



Your turn

Challenge Can you calculate the following sums without using the manipulatives:

47 + 20 =

23 + 40 =

54 + 30 =

Wednesday

There is a PowerPoint presentation to work through today.

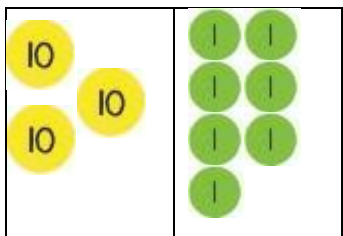
Thursday

Complete a Kahoot quiz. Pin: 02675987

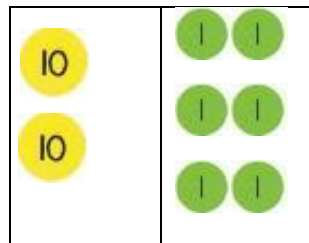
Tell your child that today you are going to carry on practising addition. There is a PowerPoint presentation from yesterday to remind you of the main strategies for addition, if necessary.

$43 + 20 =$	$17 + 21 =$	$47 + 22 =$
$21 + 30 =$	$35 + 14 =$	$55 + 43 =$

Challenge:



+



=

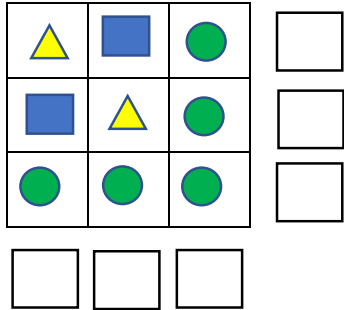
What is the sum of the ones?

Can you exchange ten ones for one ten?

How many tens are there in total?

Friday

Tell your child that today you are going to look at problem solving. Work through the problems, prompt your child to explain their thinking.



Triangles represent 20
Squares represent 40
Circles represent 10

What is the value of each row and column?

Investigate

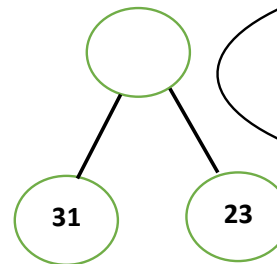
What digits can go in the boxes?

$$\square 3 + \square 5 = 98$$



I know that 10 more than 43 is 53 because I only have to look at the tens. Am I right? Explain

Challenge:



I think that the total is 45, because $3+1=4$ and $2+3=5$. Can you explain what did I do wrong? Show me the correct way of calculating the total.

