

Maths

Spring 2 Week 1

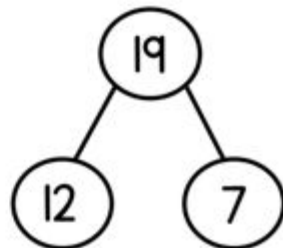
Lesson 1

Representing numbers to 50

- 1) Complete the sentence.

25 has _____ tens and _____ ones.

- 2) Write an addition and a subtraction shown by the part-whole model.



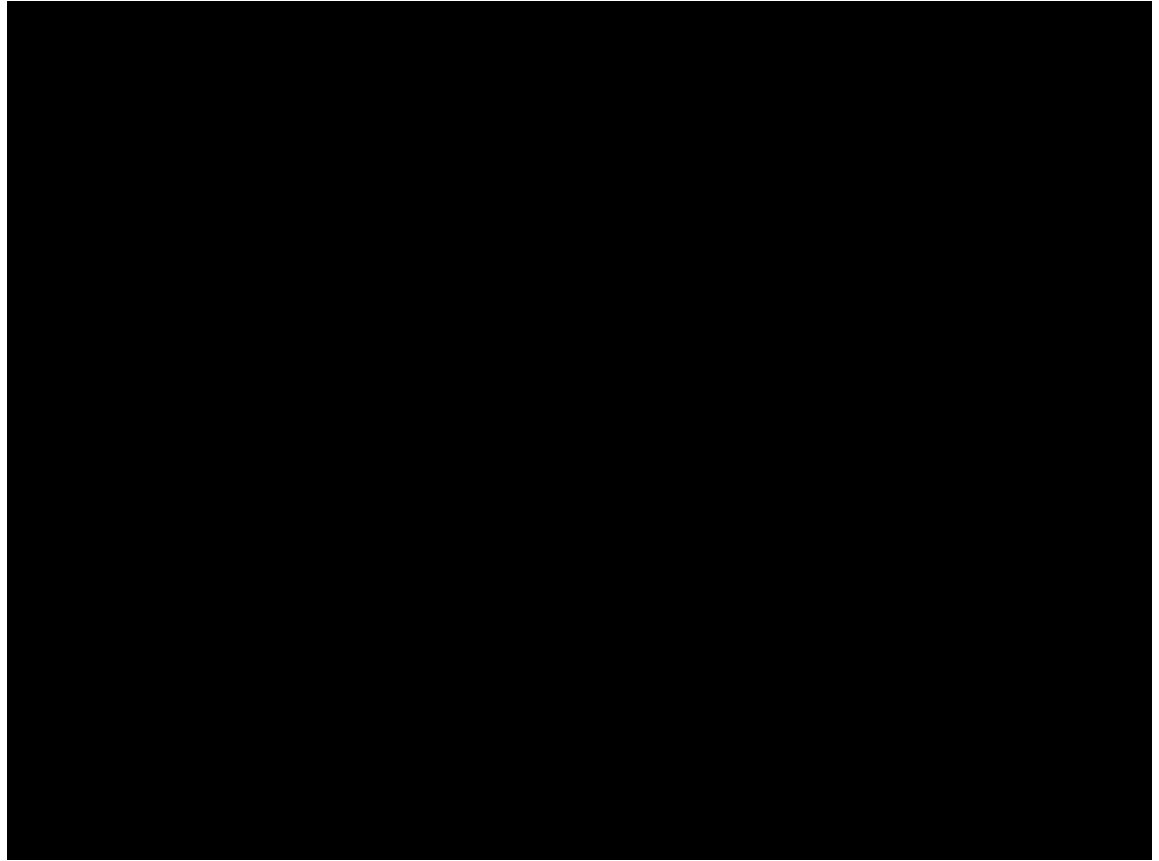
- 3) Write down a number less than 12

- 4) What shape comes next?

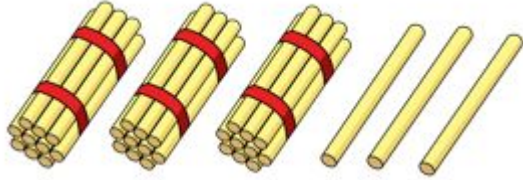


Please watch the
video on
representing
numbers to 50.

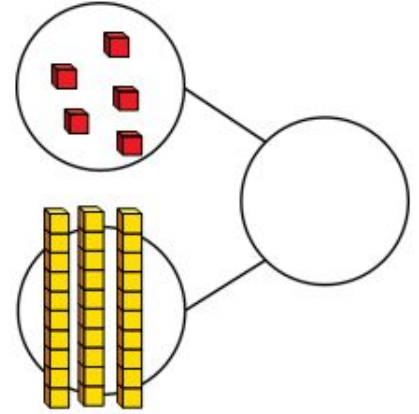
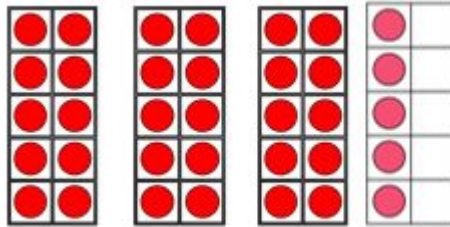
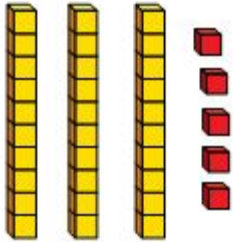
Remember to press
pause if you would
like to discuss it or
rewind if you would
like to watch parts
of it again.



Which number representation is the odd one out?

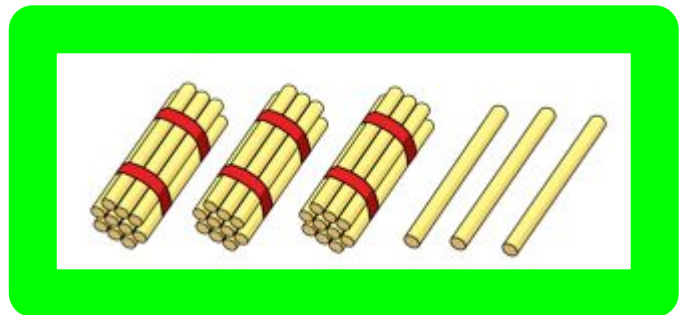


Thirty five

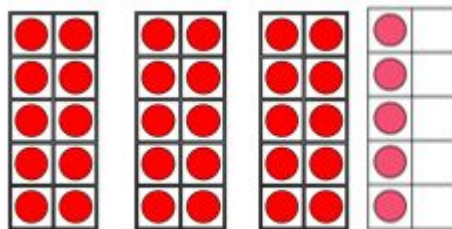
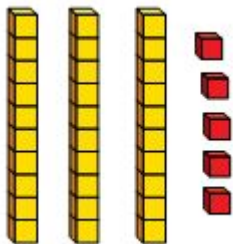
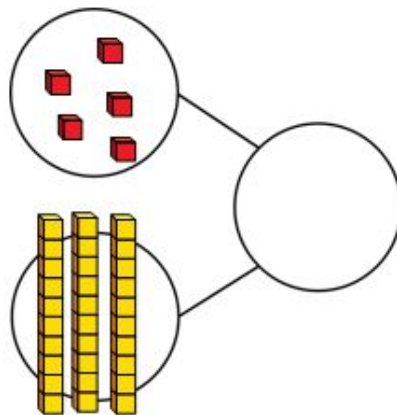


35

The straw bundle is the odd one out!
It only represents 33, the others all represent 35.

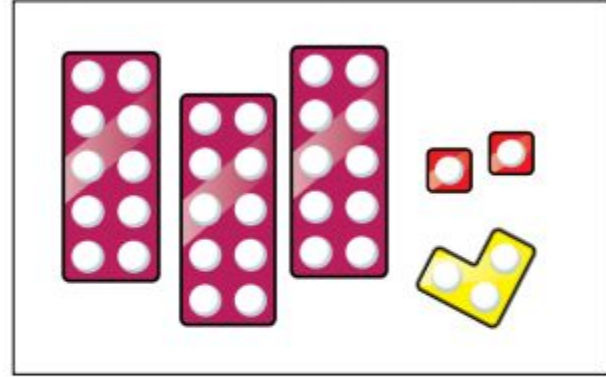
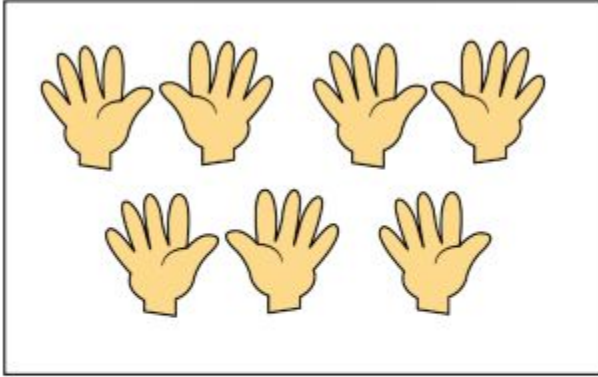


Thirty five



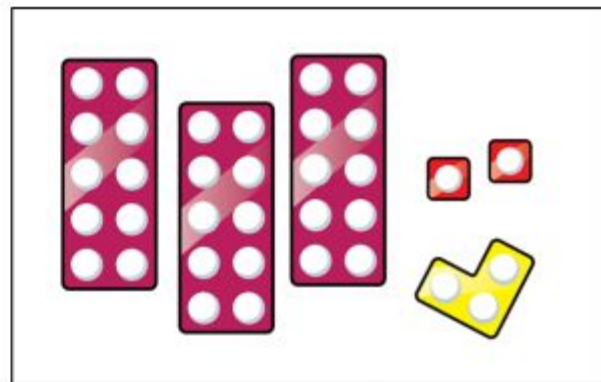
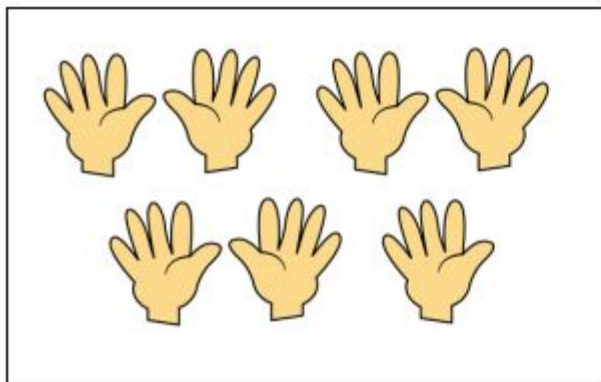
35

True or false? How do you know?



Both pictures show the same number.

True

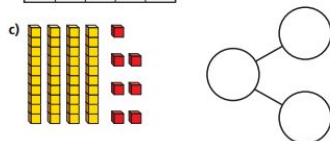
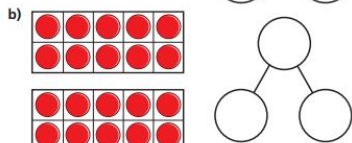


They both show 35

Option 1

Complete the worksheet on representing numbers to 50 using the part part whole method.

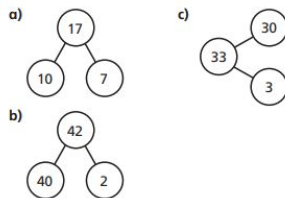
1 Complete the part-whole model for each picture.



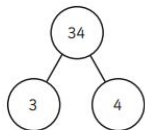
2 Make these numbers with counters or cubes.

a) 16 b) twenty-one c) 43

3 Draw a picture to match each part-whole model.



4 Mo has filled in this part-whole model.



What mistake has Mo made?

Option 2

Draw your own representation for each of these numbers. You can choose any of the different ways we have shown you today (tens frame, numerals, words, stick bundle, numicon or dienes).

32

25

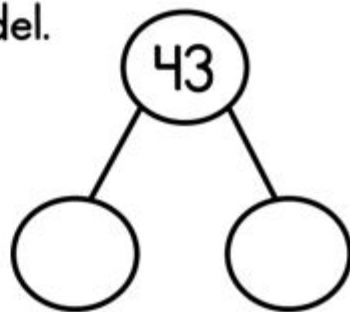
47

38

Lesson 2

Counting in 2s

- 1) Complete the part-whole model.



2) $3 + 4 > 3 + \square$

- 3) 18 has ____ ten and ____ ones.

- 4) What is the 3rd shape?



Please watch the video on counting in 2s.

Remember to press pause if you would like to discuss it or rewind if you would like to watch parts of it again.

YOUR TURN

You can practice skip counting by 2 when you colour in a 50 chart



Lola has been counting backwards in 2s.



38, 36, 34, 32, 30, 29, 26, 24...



Has she made a good mistake? Can you help her?.

Did you spot Lola's good mistake?



38, 36, 34, 32, 30, 29, 26, 24...

Lola counted the number 29 by accident. If we count in 2s we will never reach the number 29.

She should have said 38, 36, 34, 32, 30, 28, 26, 24...

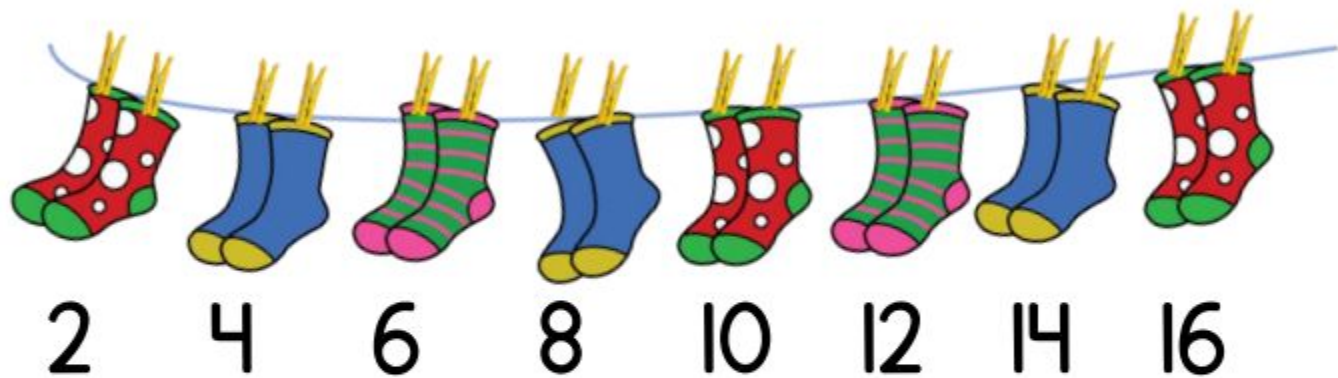


True or false? How do you know?



There are 8 socks on the line.

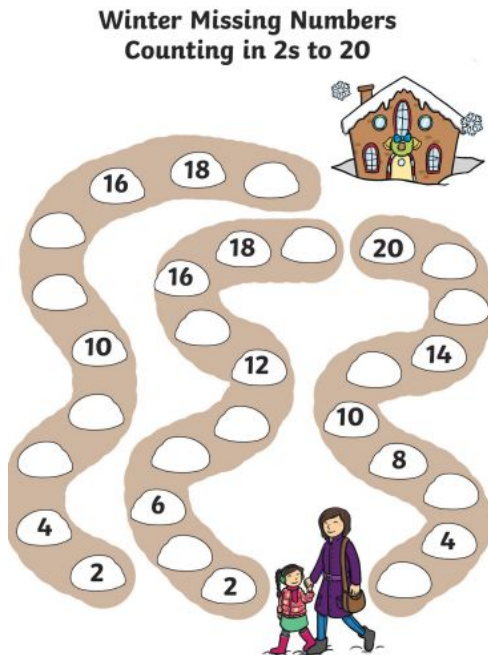
False



There are 8 pairs of socks on the line
which is 16 socks.

Option 1

Count in 2s to fill in the gaps on the winter path.



Option 2

Count household items by putting them into pairs.

How many socks do you have?

How many shoes are in your house?

How many gloves are in your house?

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

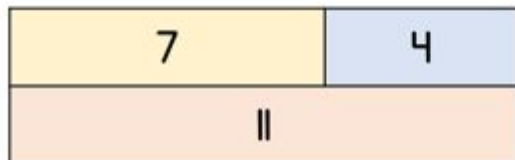
Lesson 3

Counting in 2s

- 1) What number has Mo made?



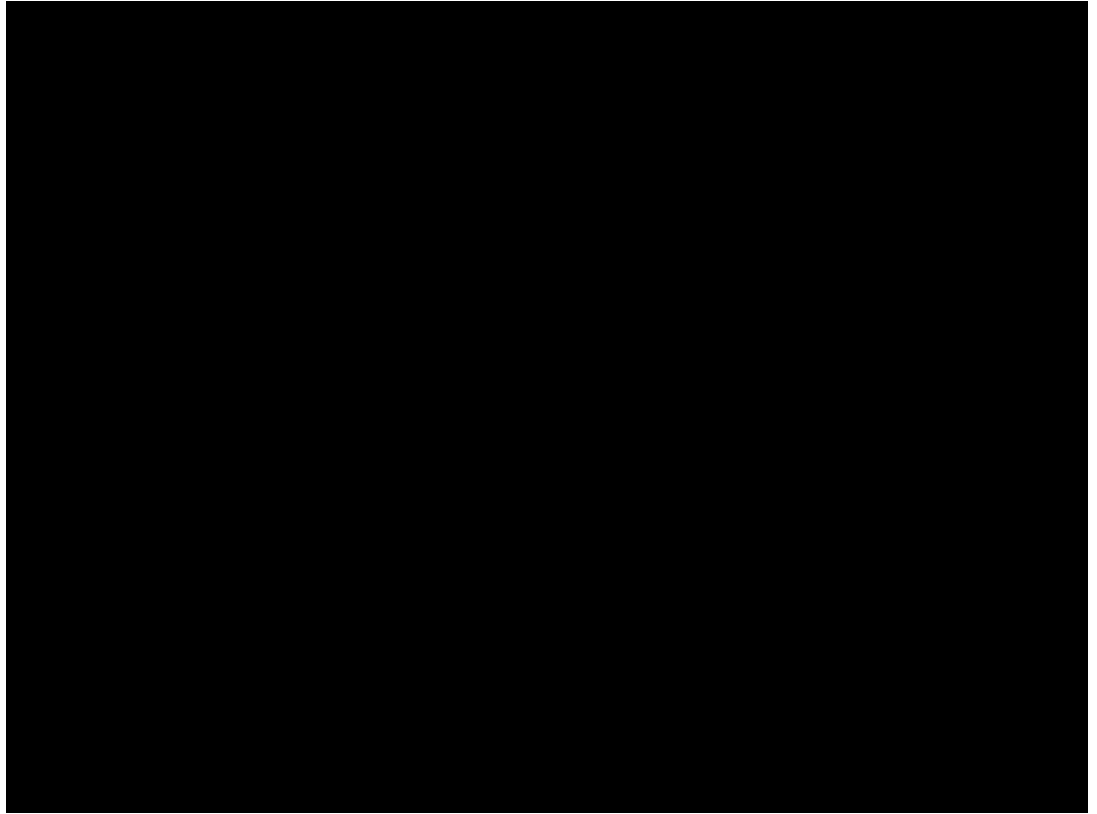
- 2) Write down an addition shown by the bar model.



- 3) What is one less than 17?
- 4) What is one less than 1?

Please watch the
video on counting in
2s.

Remember to press
pause if you would
like to discuss it or
rewind if you would
like to watch parts
of it again.



Which numbers are missing?

2	4	6	8		12
---	---	---	---	--	----

16	18	20		24	26
----	----	----	--	----	----

34	36		40	42	
----	----	--	----	----	--

Did you get them all correct?

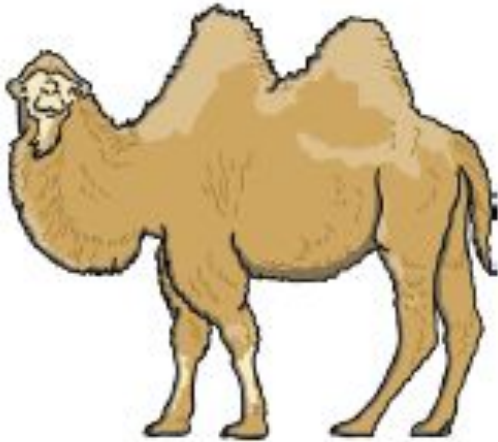
2	4	6	8	10	12
---	---	---	---	----	----

16	18	20	22	24	26
----	----	----	----	----	----

34	36	38	40	42	44
----	----	----	----	----	----

Counting in 2s camel challenge.

2



A camel has 2 humps.
How many humps do 5 camels have?
You can draw, use counters or your
fingers to find the answer.

Did you find the correct answer?

The answer is 10.
You can find the answer by counting in 2s on 5 fingers, or by drawing the camels and counting them in 2s.

2



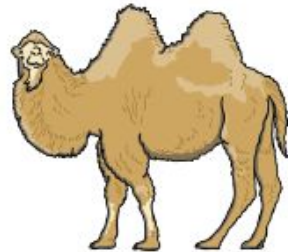
4



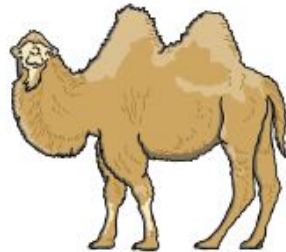
6



8



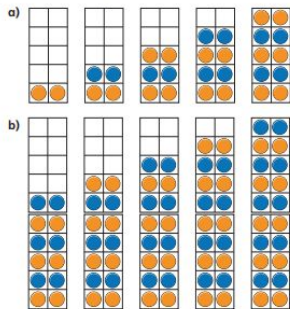
10



Option 1

Count in 2s to complete the worksheet.

1 What are the numbers?



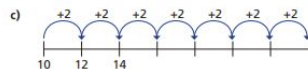
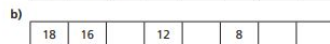
2 How many flowers are there?



3 Circle 14 socks.



4 Fill in the missing numbers.



5 How far can you count up in 2s?

Work with a partner.

Can you count up to 50 together?

Now try counting down in 2s from 50

Option 2

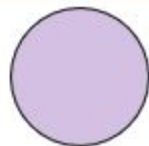
Make your own missing number game to play with an adult or family member.

Write numbers in 2s on post it notes or small pieces of paper. Your partner closes their eyes and you remove one of the numbers. Can your partner guess which number is missing?

36	38	40	?	44	46	48	?
----	----	----	---	----	----	----	---

Lesson 4

Counting in 5s



- 1) Write 34 in words.
- 2) What number could go in the box?

$$5 + 8 \text{ is greater than } \boxed{} + 8$$

- 3) Rosie has these cherries. 

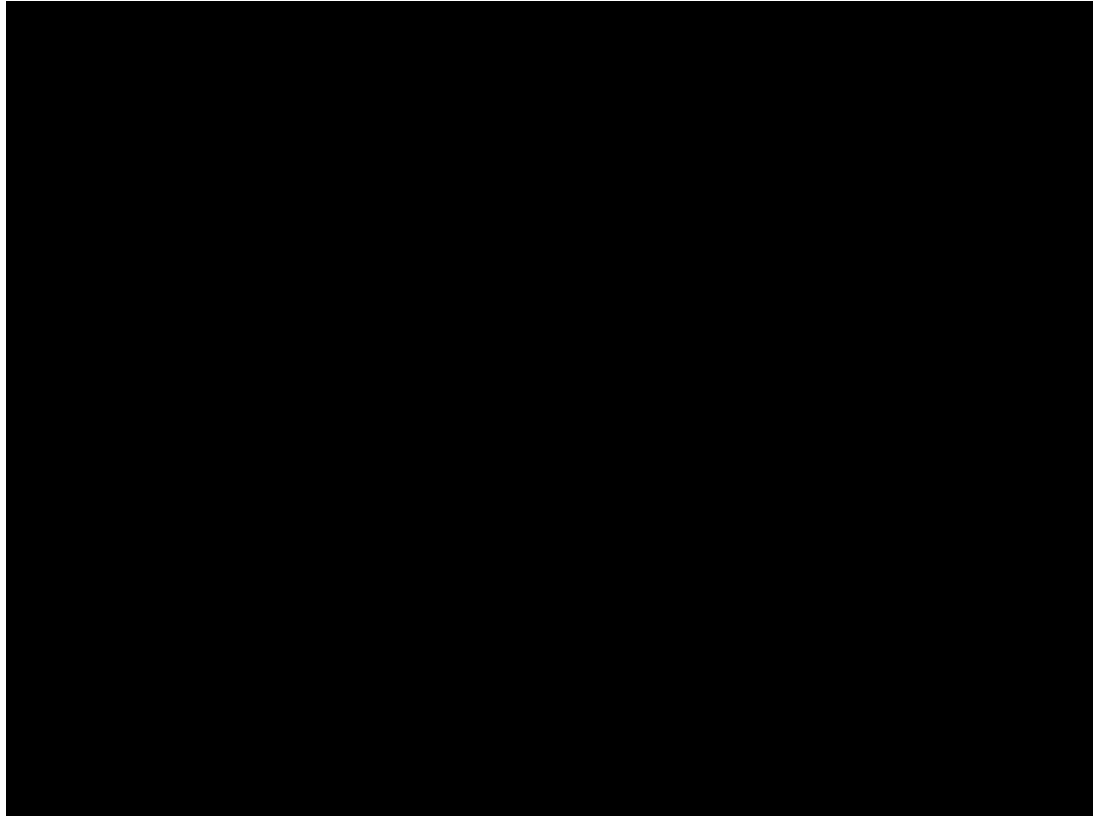
Dora has these cherries. 

Who has the most?

- 4) Write 7 in words.

Please watch the
video on counting in
5s.

Remember to press
pause if you would
like to discuss it or
rewind if you would
like to watch parts
of it again.



Which numbers are missing?

5		15	20		30
---	--	----	----	--	----



5, 10, 11, 20, 25, 30, 35, 40

What is Lola's good mistake?



Did you get them both correct?

5	10	15	20	25	30
---	----	----	----	----	----



5, 10, 11, 20, 25, 30, 35, 40

If we count in 5s we will never get to the number 11. She should have said 5, 10, 15, 20...

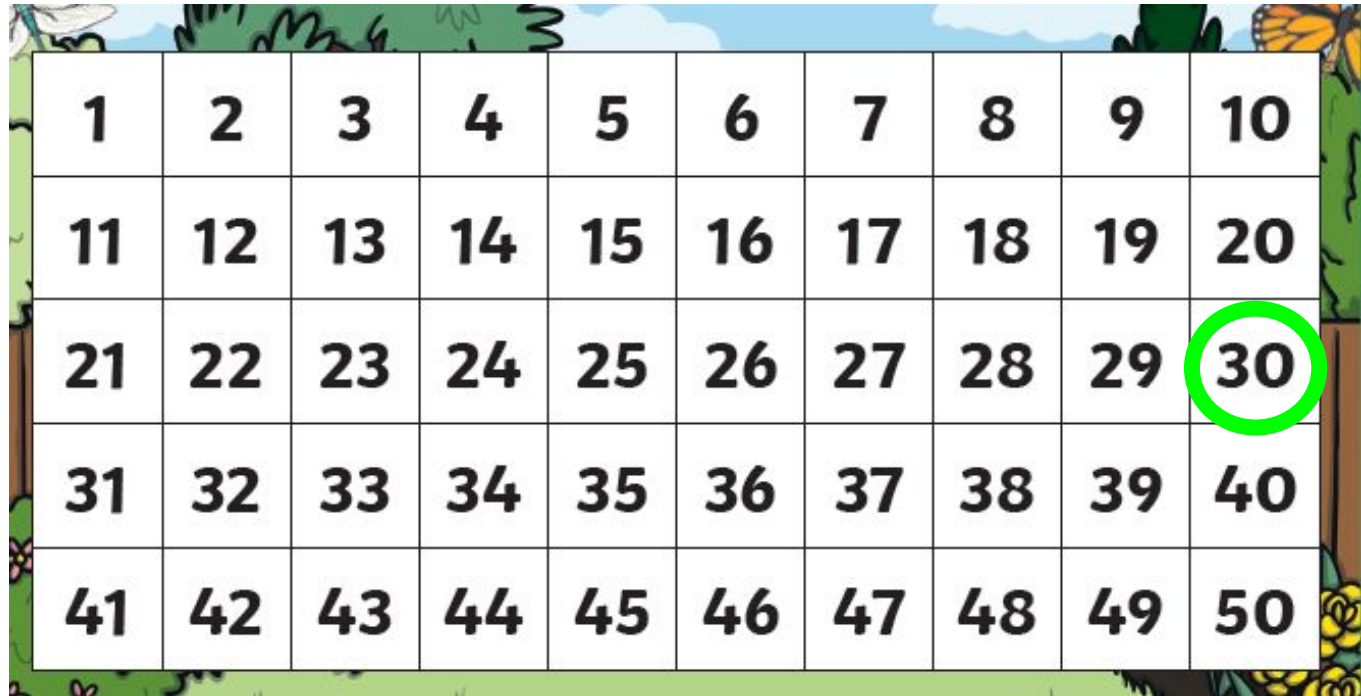


<https://www.bbc.co.uk/teach/supermovers/ks1-maths-counting-with-john-farnworth/zbct8xs>

Click the link to watch a fun video to get you moving and counting in your 2s, 5s, and 10s.



Which is the quickest way to count to 30. Counting in 2s or counting in 5s? Why?



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

Option 1

Count in 5s to complete the worksheet.

Count in 5s

How many petals are there? Count in 5s.

5

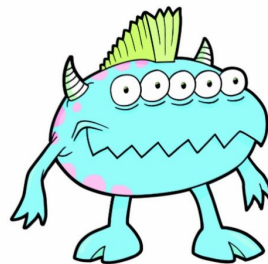
Complete the number grid, colouring 5s.

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

There are ____ toes on each foot.
There are ____ feet.
There are ____ toes altogether.

Option 2

This type of alien has 5 eyes.
How many eyes would 6 of these aliens have all together? How did you calculate the answer?



How many eyes would 8 aliens have?
How many eyes would 10 aliens have?
How many eyes would 12 aliens have?

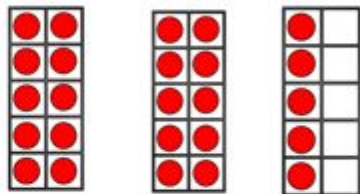
Lesson 5

Mental Maths

Adding single digits to ten.
Adding by making ten.

In this lesson we are revisiting the mental addition skills that we taught a couple of weeks ago. In school we revisit skills, such as these, to develop understanding and fluency.

- 1) What is one more than 25?

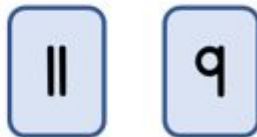


- 2) Has Eva counted correctly?

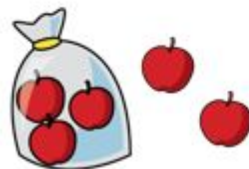


29, 31, 32, 33, 34...

- 3) Which number is greater?

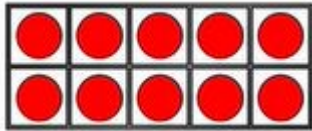


- 4) How many apples are there altogether?

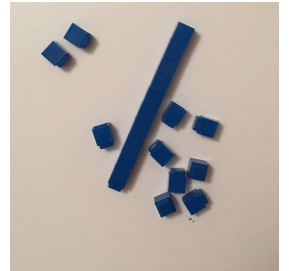


Let's recap some of our addition learning.

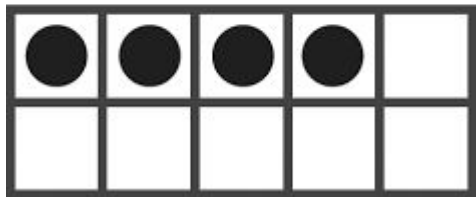
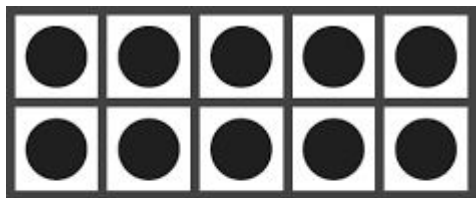
How would you work out this calculation?



$$10 + 4 =$$

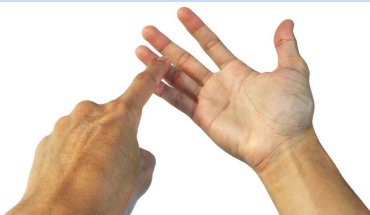


$$10+4=14$$



I know I will need 1 full tens frame and 1 ones.

I can hold the number 10 in my head and count on for 4 fingers.



I know I will need 1 tens Diene and 4 ones Dienes.



I can start off at 10, and jump 4 jumps to 14.



Try solving these addition number sentences using whichever method you prefer.

$$10+3=$$

$$10+2=$$

$$10+6=$$

What did you notice about those calculations?

Did you always need to use a method?

I don't need to use a method for this sum, because I know that 10 has 1 ten and 0 ones. I know that 5 has 0 tens and 5 ones. So I just need to add the tens and ones together.
I know that my answer is 15.

$$10 + 5 = 15$$



Try working out these sums in your head like Burlington Bear.

$10+7=$

$10+1=$

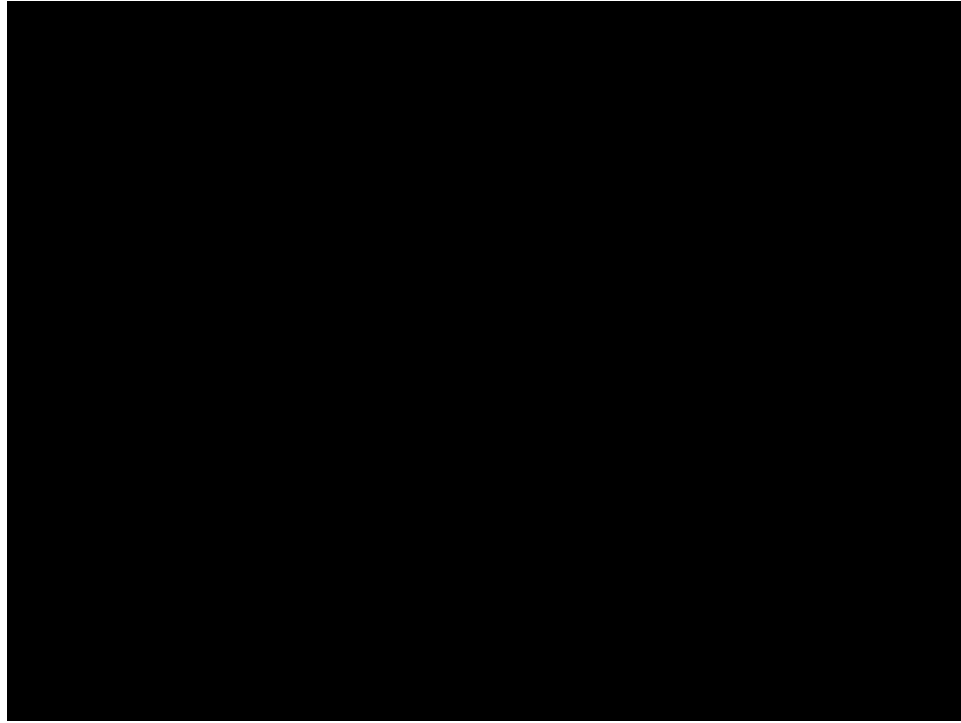
$10+5=$

$10+4=$

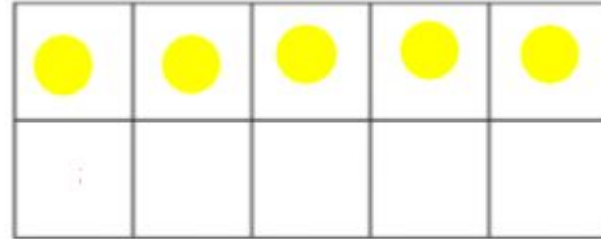
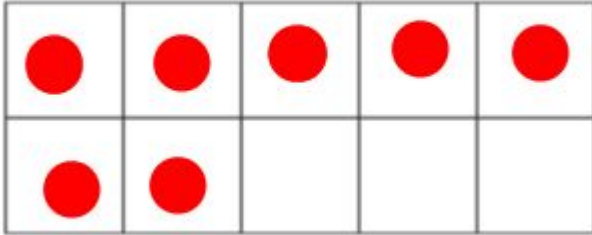
$10+8=$

$10+8=$

Now let's recap adding by making 10.



$$7+5=$$

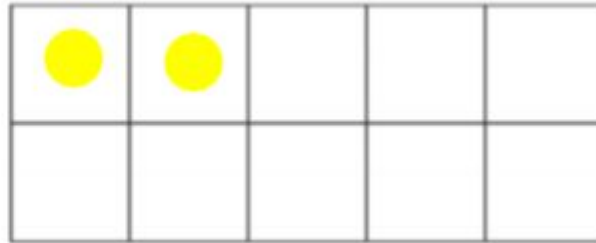
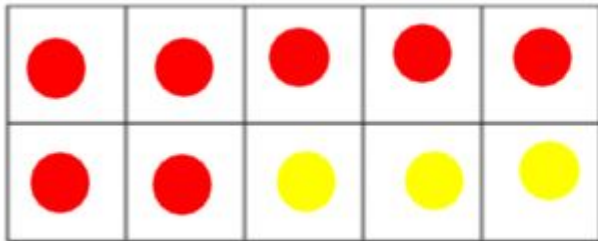


I could add up both tens frames to find my answer.
But what is the easier way?

$$7+5=12$$

3

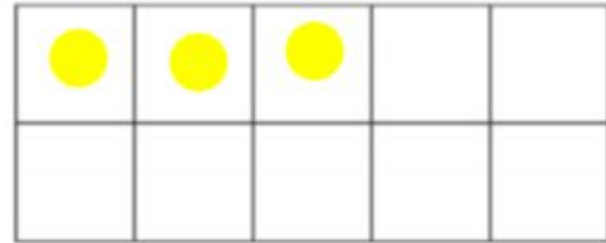
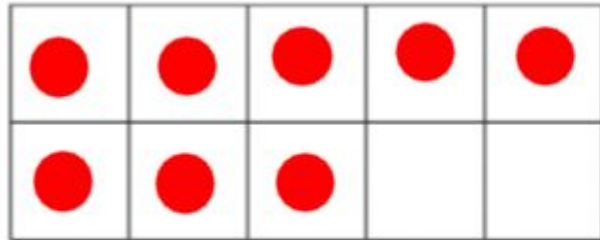
2



I know that $7+3$ is a number bond to make 10.
I also know that 5 is made up of 3 and 2.
That helps me because now I only need to add the
leftover 2 to my full tens frame.

$$8+3=$$

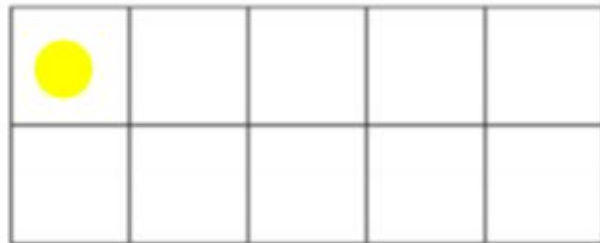
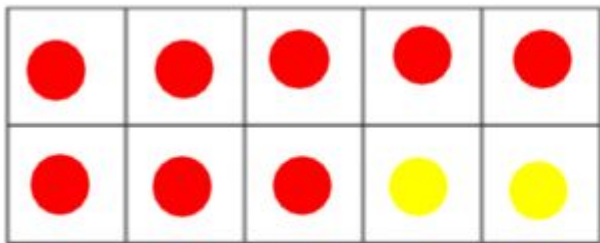
Which handy number bond could help us solve this number sentence?



$$8+3=11$$

2

1



I know that 8 only needs 2 more to make 10.
I know that 3 is made up of 2 and 1.
If I add 8 and 2 to make ten, now I just have 1
more left over to add.

Try solving these addition number sentences using your number bonds to help you.

$$9+3=$$

$$7+6=$$

$$7+5=$$

$$8+7=$$

$$9+5=$$

$$8+5=$$

$$9+4=$$

$$6+5=$$

$$8+4=$$