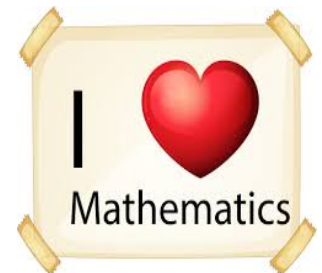


09.11.20

Maths

10 more 10 less

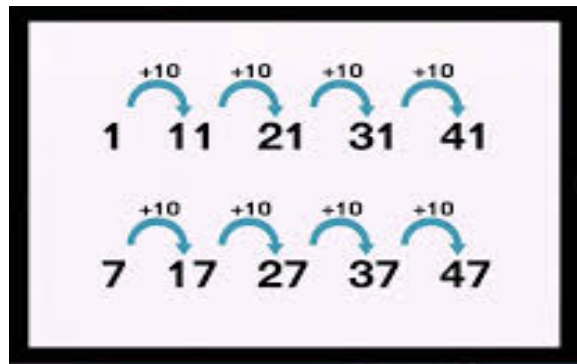
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21	22	23	24	25	26	27	28	29	30
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81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



Fluency

Practise counting in 10s. First of all begin at 0 and count in 10s to 100. Then count back. Next count in 10s from 3. What do you notice?

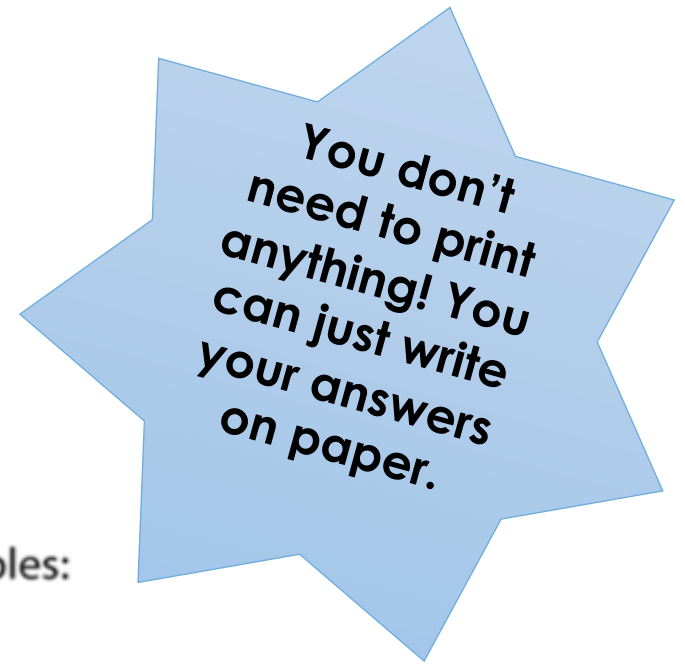
Try counting in 10s from other numbers. What do you notice? Is there a pattern?



Recap

Your Task:

Recap adding ones.



Missing number problems – 'isolated' examples:

'Fill in the missing numbers.'

$$27 + 1 = \square$$

$$\square = 42 + 1$$

$$1 + 87 = \square$$

$$\square = 1 + 54$$

$$42 + \square = 43$$

$$94 = \square + 93$$

$$63 - 1 = \square$$

$$\square = 82 - 1$$

Vocabulary




Addition & Subtraction Year 2

Addition Symbol

We use the $+$ sign to show addition.

You can bring together 2 or more numbers or objects together and find the total.


 $3 + 2 = 5$


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Addition & Subtraction Year 2

Subtraction Symbol

We use the $-$ sign to show subtraction.

We can also say take away, because you are taking away one number from another.


 $3 - 2 = 1$

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Addition & Subtraction Year 2

Pattern

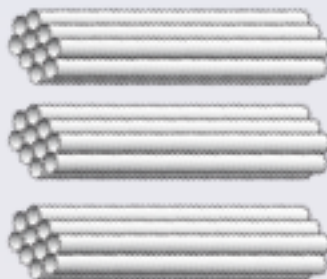
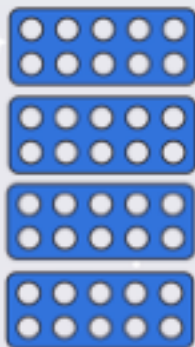
A list of numbers that follow a certain rule which turns into a **pattern**.

The numbers on this side are going up by 1 each time.	$0 + 10$ $1 + 9$ $2 + 8$ $3 + 7$	The numbers on this side are going down by 1 each time.
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Anchor Task

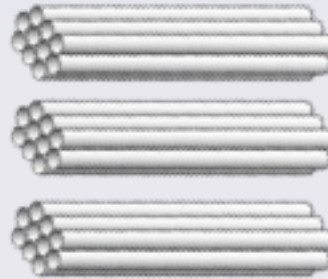
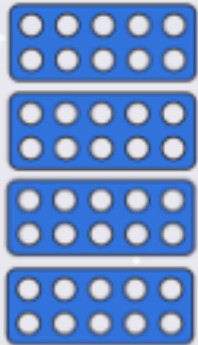
Which one doesn't belong?



Explain your answer.

Answers

Which one doesn't belong?



Explain your answer.

The Numicon shapes don't belong as there are 4 of them representing 40, whereas there are 3 ten pence pieces, 3 bundles of 10 straws and 3 £10 notes representing 30p, 30 (straws) and £30 respectively.

Today's Learning

Today we will be learning about 10 more and 10 less. We have looked at this before, so I know that you will be fabulous and be able to complete the tasks.

First of all go to:

<https://whiterosemaths.com/homelearning/year-2/week-6-number-addition-subtraction/>

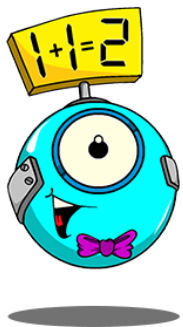
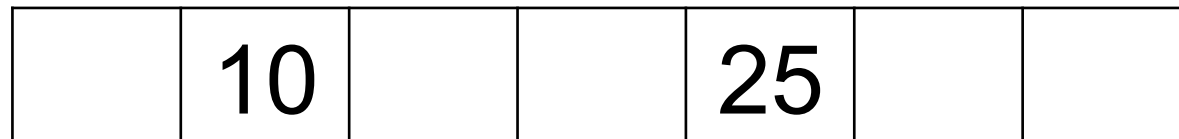
Choose the lesson called 10 more and 10 less. Watch the whole video – don't stop to complete the questions as you go! After you have watched the whole video then complete the activities.

Remember that all your work can be done on paper – there's no need to print anything!

I can't wait to see what you do. Please send your completed work to me at info@st-jo-st.dudley.sch.uk

Explore

Continue the number tracks below.



What's the same?

Answers

10	20	30	40	50	60
----	----	----	----	----	----

5	15	25	35	45	55	65	75	85
---	----	----	----	----	----	----	----	----

11	21	31	41	51	61	71
----	----	----	----	----	----	----

5	10	15	20	25	30	35
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Your Task 1:

10 more and 10 less

1 a) Dani has some balloons.



How many balloons does Dani have?

Dani has balloons.

She buys one more bag of balloons.

How many balloons does Dani have now?

b) Mo has some balloons.



How many balloons does Mo have?

He gives one bag of balloons to his friend.

How many balloons does Mo have now?

2 Complete the tables.

10 less	Number	10 more
	21	

10 less	Number	10 more

10 less	Number	10 more

3

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
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81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

a) Circle the number 15

Colour in red the number that is 10 more than 15

Colour in blue the number that is 10 less than 15

b) Circle the number 43

Colour in red the number that is 10 more than 43

Colour in blue the number that is 10 less than 43

c) Circle the number 70

Colour in red the number that is 10 more than 70

Colour in blue the number that is 10 less than 70



Ask your grown up to pick 5 numbers between 20 and 60. the numbers must not end in 0! Then use the hundred square to find 10 more and ten less!

Which direction will your finger move on a hundred square if you are finding ten more or ten less?

Your Task 2

4 Complete the sentences.

a) 10 more than 13 is

b) 10 less than 81 is

c) 10 more than is 60

d) 10 less than is 87



Challenge 1:

Write out each of these statements as number sentences e.g.:

10 more than 75 is **85**

$$75 + 10 = 85$$

Challenge 2:

Create your own examples of number sentences showing 10 more or ten less than a 2 digit number.



Your Task 3

Solve these children's puzzles.



I am thinking of a number.
It is 10 more than 41.

I am thinking of a number
It is 10 less than 15.



I am thinking of a number.
It is 10 more than 65.

I am thinking of a number.
It is 10 less than 98.



Make up your own clues for your friend.
Use '10 more' or '10 less' in your clues.
Can they guess your numbers?



Please send
me your clues!
I'd love to try
and solve
them!
#how good is
Mrs Riley at
Maths?


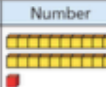
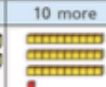
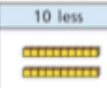
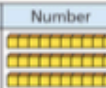
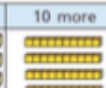
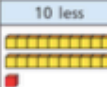
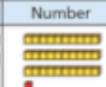
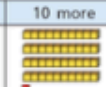

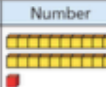
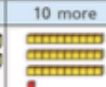
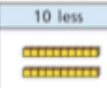
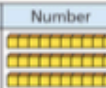
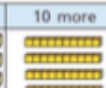
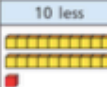
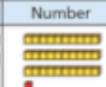
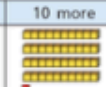

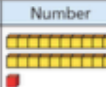
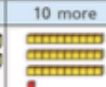
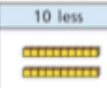
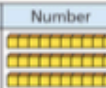
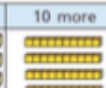
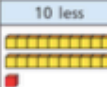
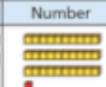
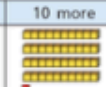
Reasoning:

5 Is the statement true or false?

When finding 10 more or 10 less, the ones column doesn't change.



**You don't
need to print
anything! You
can just write
your answers
on paper.**

Question	Answer																																																																																																				
1	a) Dani has 40 balloons. 50 b) 70 60																																																																																																				
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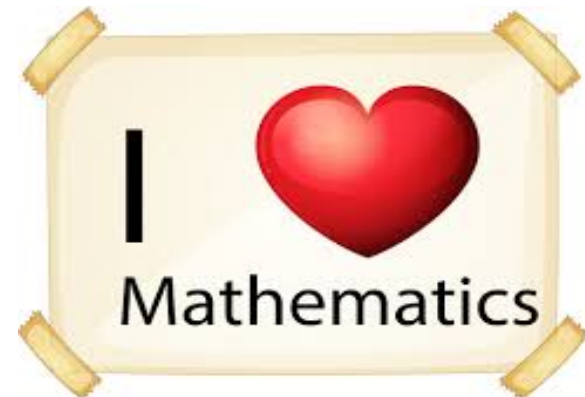
Answers

I am thinking of a number. It is 10 more than 41.
51

I am thinking of a number. It is 10 less than 15.
5

I am thinking of a number. It is 10 more than 65.
75

I am thinking of a number. It is 10 less than 98.
88



Well done Year 2. You are fantastic. I can't wait to see your work. Please send it to me using our new class e-mail: Year2@st-jost.dudley.sch.uk

