

Monday 10th November 2025
Science Day

Tuesday 11th November 2025

Challenge of the week



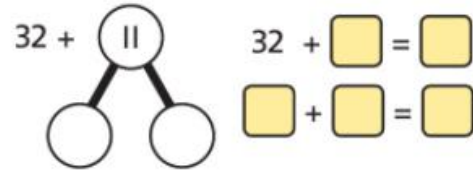
3 One  lands on 32 and the other lands on 11.

What score does their team get?



Tens	Ones

$$\begin{array}{r} \text{T O} \\ 32 \\ + 11 \\ \hline \end{array}$$

$32 + 11 = \square$



The total score is \square .

I drew a  to represent ten.
I drew a  to represent one.

I think I could use the answer to Question 2 for help.



One bean bag lands on 32 and the other lands on 11.

What scores does their team get?

How did you solve it?

Are there other ways to show your work?

11.11.25

Mental Maths

Find 10 less than for the following numbers.

Use the 100 square to help you.

26 31 44 87 91



LQ: Can I subtract a 1-digit number from a 2-digit number?

Steps to Success:



I can organise two numbers into a column method placing the tens and ones correctly.

I can subtract the two 'ones'.

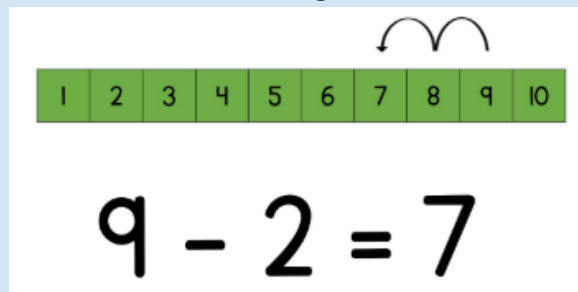
I can double check and record a number sentence.

★ Star Words ★

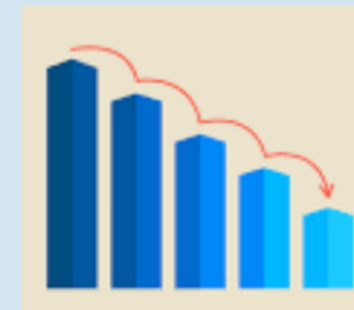
subtract/minus/take away



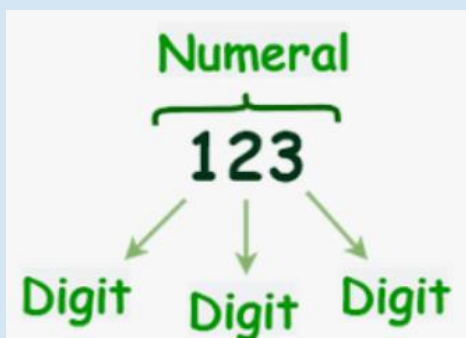
Counting back



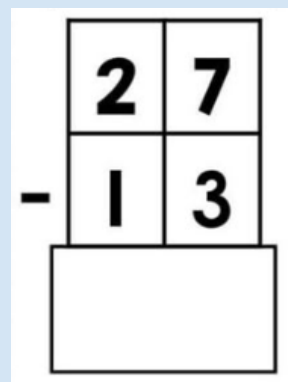
less/decrease



digits



tens ones



calculations

$$46 - 20 =$$

$$24 - 10 =$$

$$63 - 20 =$$

total/equal



11.11.25

LQ: Can I subtract a 1-digit number from a 2-digit number?

Today we are continuing to subtract using the column method.

TP- Describe the columns.

What positions are the digits in?

How do you know?

	tens	ones
	2	5
-	1	3

11.11.25

LQ: Can I subtract a 1-digit number from a 2-digit number?

Dahl class have **48** stars. They lost **6** of their stars.

TP - How many stars do they have left? Prove it!

What calculation do we need to use? How do you know?

We know the numbers are **48** and **6**.

Which is the largest number?

$$48 - 6 =$$

11.11.25

LQ: Can I subtract a 1-digit number from a 2-digit number?

Use the column method to solve the two-step word problem.

Miss Brooks had 39 lollies. She ate 3.

How many are left?

Then she gave 5 to Miss Aktar.

How many lollies does she have now?



11.11.25

LQ: Can I subtract a 1-digit number from a 2-digit number?

Tasks



Subtract, minus, decrease, smaller, less, tens, ones



1. Write each number sentence and draw the column method to solve the following subtraction:

$$\begin{array}{r} 26 - 5 = \\ 37 - 7 = \\ 48 - 4 = \\ 59 - 8 = \\ 66 - 4 = \end{array} \quad \begin{array}{r} 88 \\ - 3 \\ \hline \end{array}$$

2. Fatima is counting back to solve $35 - 7$

She counts

35, 34, 33, 32, 31, 30, 29

Is she correct?

Draw a number line to explain your answer.

Yes, she is correct because...

No, she is incorrect because...

3. Irina bought 48 sweets. She ate 7.

How many sweets does she have left?



Then she gave 9 sweets to her sister.

How many sweets does she have left now?

Irina has...

Self assessment

Do you understand the tasks?



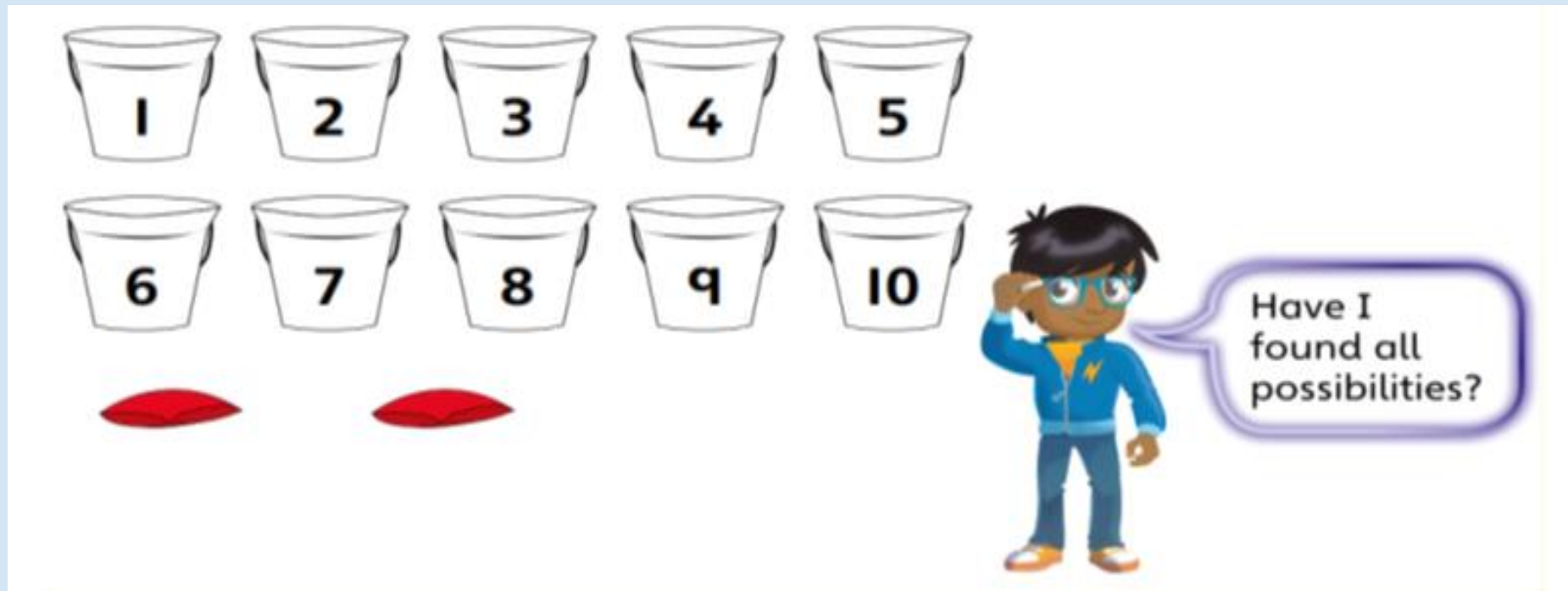
Wednesday 12th November 2025

12.11.25

Mental Maths

How many ways can you make a score of 10?

Can you write the commutative number sentences?





LQ: Can I add a 2-digit number to a 2-digit number?

Steps to Success:

I can read an addition question and put the largest number on a blank number line.

I partition the second number into tens and ones to make a number of jumps.

I can fill in the blank numbers on a number line.



★ Star Words ★

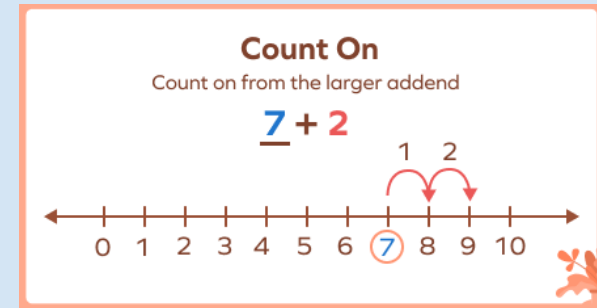
addition/add/plus



amount



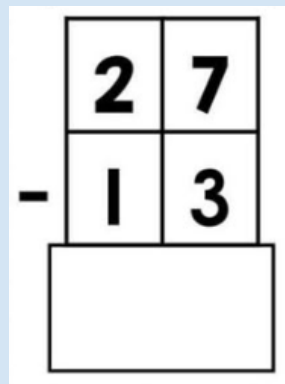
Counting on



more/increase



tens ones



total/equal



12.11.25

LQ: Can I add a 2-digit number to a 2-digit number?

Today we are learning to add a 2-digit number to a 2-digit number.

TPs: What can you remember about blank number lines?

Can you remember the steps to follow when adding?

12.11.25

LQ: Can I add a 2-digit number to a 2-digit number?

Blank number line check list

First draw a blank number line.

Then write the largest number at the beginning.

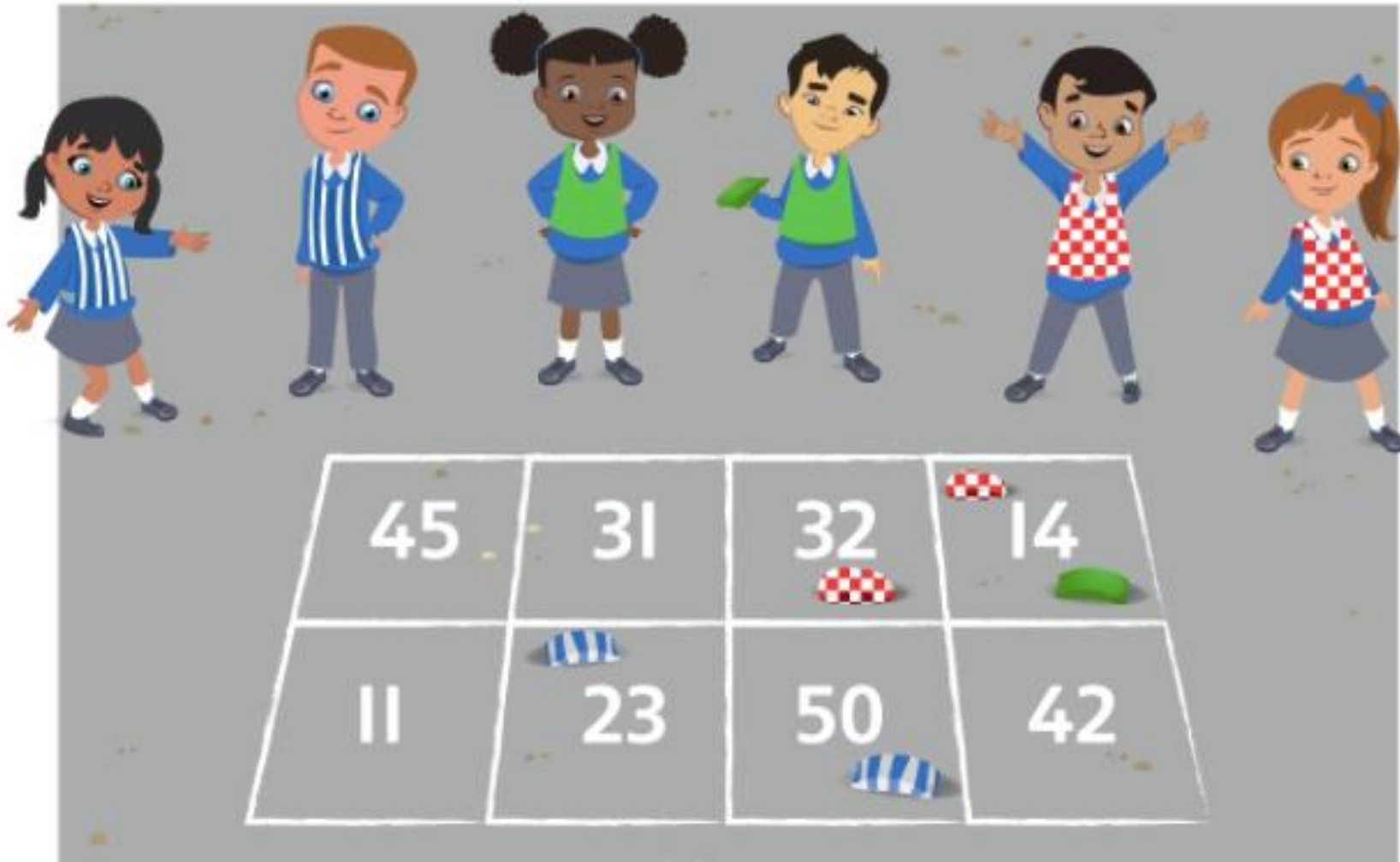
After make the amount of jumps to the right.

Finally write the missing numbers underneath.

12.11.25

LQ: Can I add a 2-digit number to a 2-digit number?

The red checker team throw their bean bag on 14 and 32.



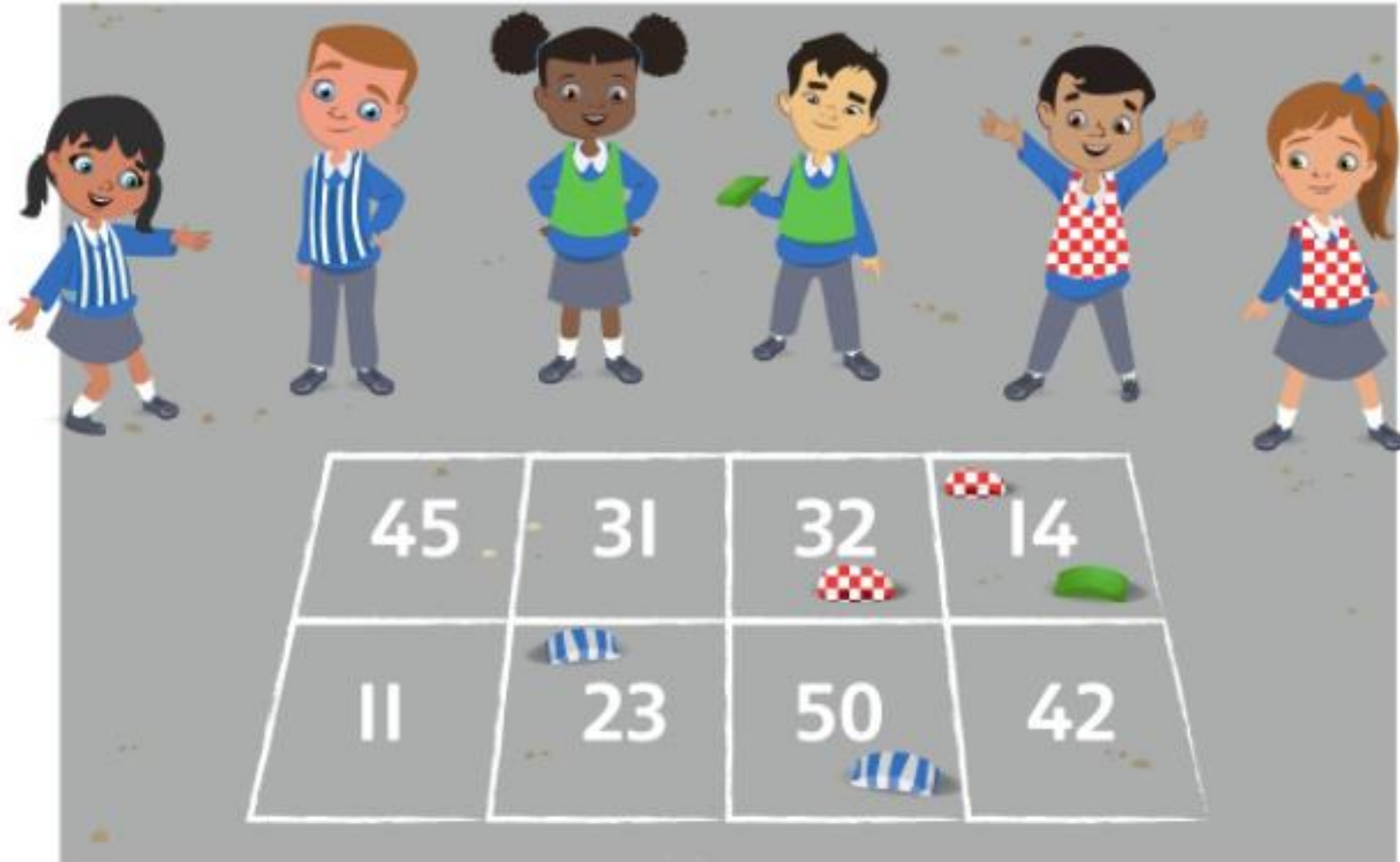
TP - Can you start with either number?

Which number would you choose to start with? Why?

12.11.25

LQ: Can I add a 2-digit number to a 2-digit number?

We know the two sets of 2-digit numbers are 32 and 14.



Let's solve this on a blank number line.

$$32 + 14 =$$

12.11.25

LQ: Can I add a 2-digit number to a 2-digit number?

$$32 + 14$$

First draw a blank number line.

Then write the largest number at the beginning.

After partition the smaller number into tens and ones.

Later make the jumps of tens and write +10 on top of each jump.

Lastly make the jumps of ones and write +1 on top of each jump.

Finally fill in the missing numbers underneath the number line.

I will model this by following the steps and I want you to copy my model.

How many tens in 14?

How many ones in 14?

There are _____ tens.

There are _____ ones.

12.11.25

LQ: Can I add a 2-digit number to a 2-digit number?

The stripy blue team scored **50** and **23** so the number sentence will be $50 + 23 =$

$$50 + 23$$

Let's practise working out the answer together on a blank number line.

We need to remember each step to help us complete the number line so we don't make mistakes.

When we make the jumps, we need to identify how many tens and ones there are in the second digit.



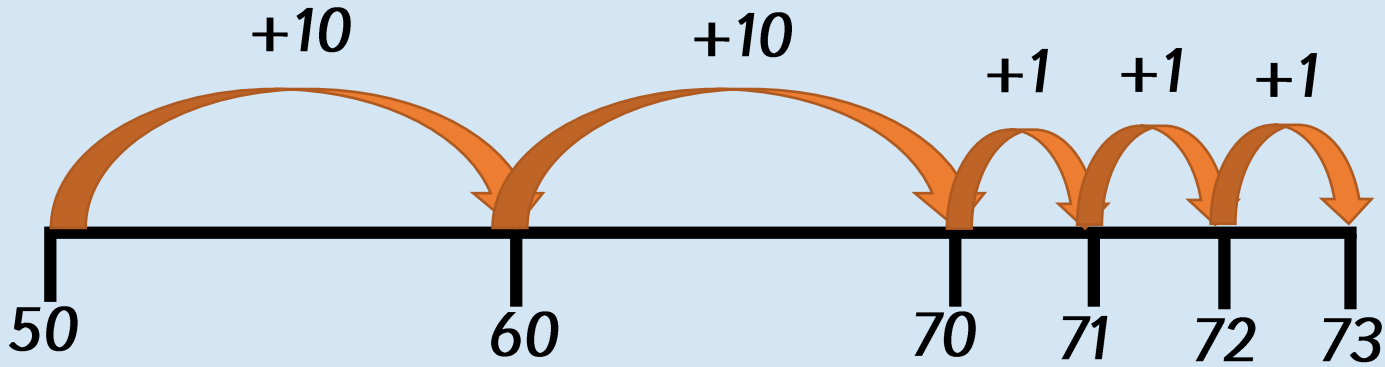
12.11.25

LQ: Can I add a 2-digit number to a 2-digit number?

$$50 + 23 =$$

How many tens in 23?

How many ones in 23?



Remember to fill in the missing numbers in tens first and then in ones.

12.11.25

LQ: Can I add a 2-digit number to a 2-digit number?

*What digits can go in these boxes
to make the total correct?*

Find all the possible combinations.

$$\square 2 + \square 5 = 87$$

8 2 3 5 7 6 4 1 9

12.11.25

LQ: Can I add a 2-digit number to a 2-digit number?

Task

Practise solving the following additions on blank number lines.

Remember to explain how many tens and ones there are in the second number.

This will help you with the jumps.

There are _____ tens.

There are _____ ones.

$$32 + 14 =$$

$$28 + 21 =$$

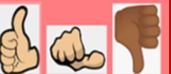
$$45 + 32 =$$

$$12 + 15 =$$

$$44 + 32 =$$

Self assessment

Do you understand the task?



Thursday 13th November 2025

13.11.25

Mental Maths

Choose three numbers and order them from least to most.

56 26 91 44 87 35

Repeat with three different numbers.



LQ: Can I add a 2-digit number to a 2-digit number?

Steps to Success:

I can read an addition question and put the largest number on a blank number line.

I partition the second number into tens and ones to make a number of jumps.

I can fill in the blank numbers on a number line.



★ Star Words ★

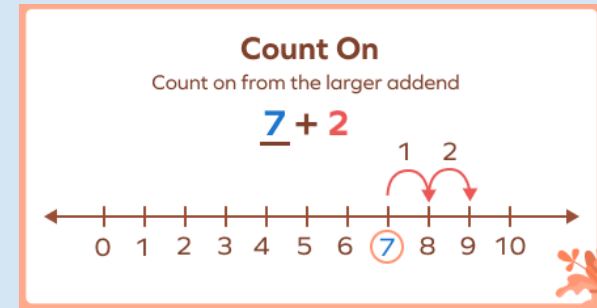
addition/add/plus



amount



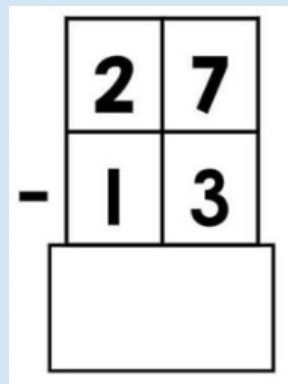
Counting on



more/increase



tens ones



total/equal



13.11.25

LQ: Can I add a 2-digit number to a 2-digit number?

Today we are going to use a blank number line to add a 2-digit number to a 2-digit number.



There are **36** birds on the tree.

21 more birds fly towards the tree.

TP - How many birds are there altogether?

TP- Which calculation does this word tell us?

How do you know?



13.11.25

LQ: Can I add a 2-digit number to a 2-digit number?

$$36 + 21 =$$

TP – What method could we use solve this?

We are going to use a blank number line to solve this.

Let's go through the checklist.

First draw a blank number line.

Then write the largest number at the beginning.

After partition the smaller number into tens and ones.

Later make the jumps of tens and write +10 on top of each jump.

Lastly make the jumps of ones and write +1 on top of each jump.

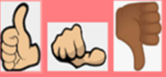
Finally fill in the missing numbers underneath the number line.

13.11.25

LQ: Can I subtract a 1-digit number from a 2-digit number?

Self assessment

Do you understand how to add on the number line?

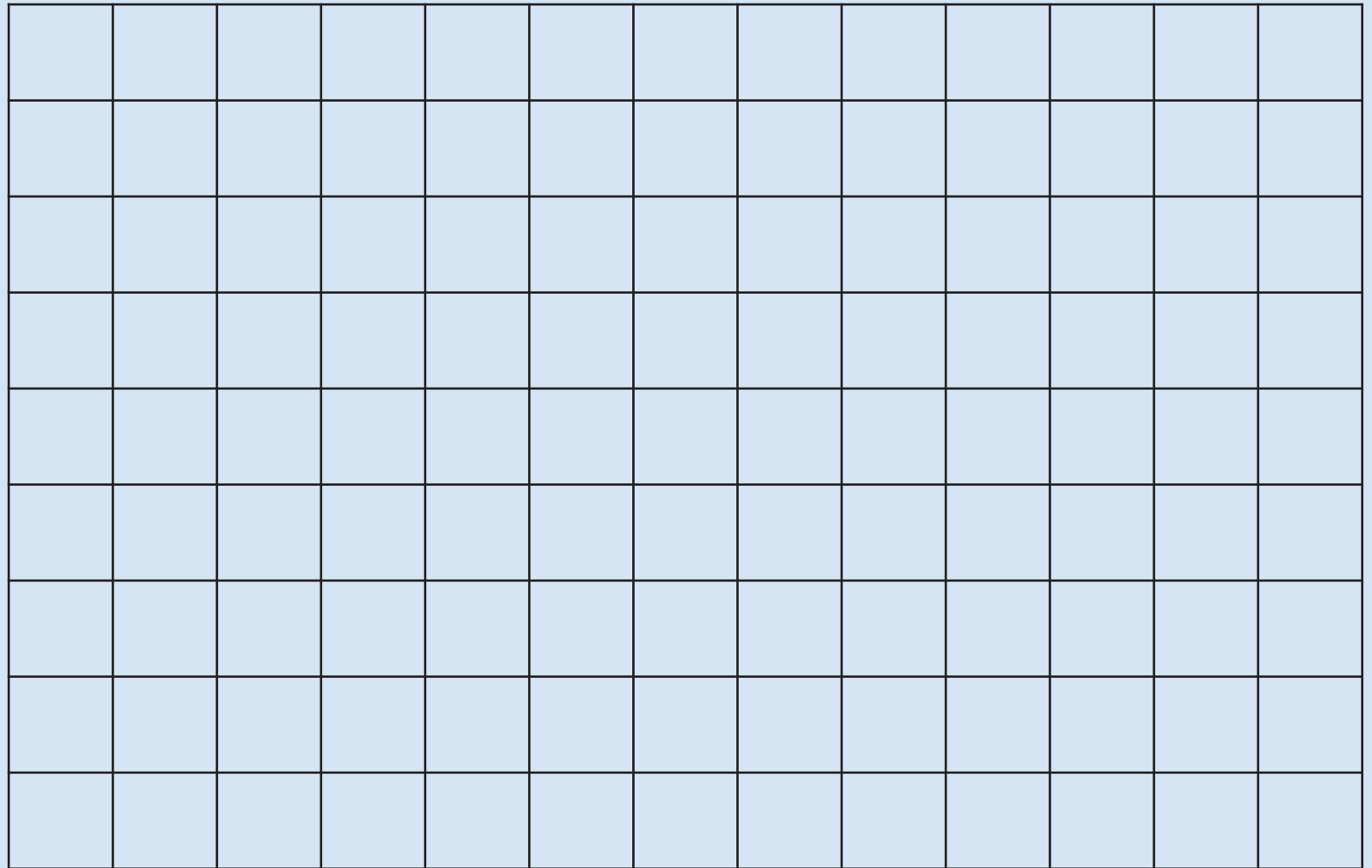


Let's work together to solve these addition statements. Use the 100 square to find 10 more.

$$38 + 21 = \underline{\quad}$$

$$53 + 34 = \underline{\quad}$$

$$61 + 26 = \underline{\quad}$$



13.11.25

LQ: Can I add a 2-digit number to a 2-digit number?

Tasks

Today I added two 2-digit numbers using on a number line. I used resources (base ten – dienes), 100 square, and number lines to make the correct number of jumps to help me solve the calculations.

$31+15=$

$26+22=$

$45+25=$

$17+15=$



addition, increase, total, more, largest, tens, ones



1. Copy each number sentence and solve the following addition on a blank number line.

$31+15=$

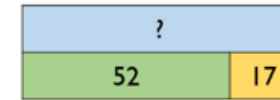
$26+22=$

$45+25=$

$17+15=$

$47+32=$

2. Amir has been asked to complete the bar model.



The whole is 78 because $5 + 2 = 7$ and $1 + 7 = 8$

Explain to Amir what he has done wrong.
How can you help him work out the correct total?

3. Here are three digit cards.



Place the digit cards in the number sentence.

How many different totals can you find?

$\square \square + \square =$

What is the smallest total?

What is the largest total?

Self assessment

Do you understand the tasks?

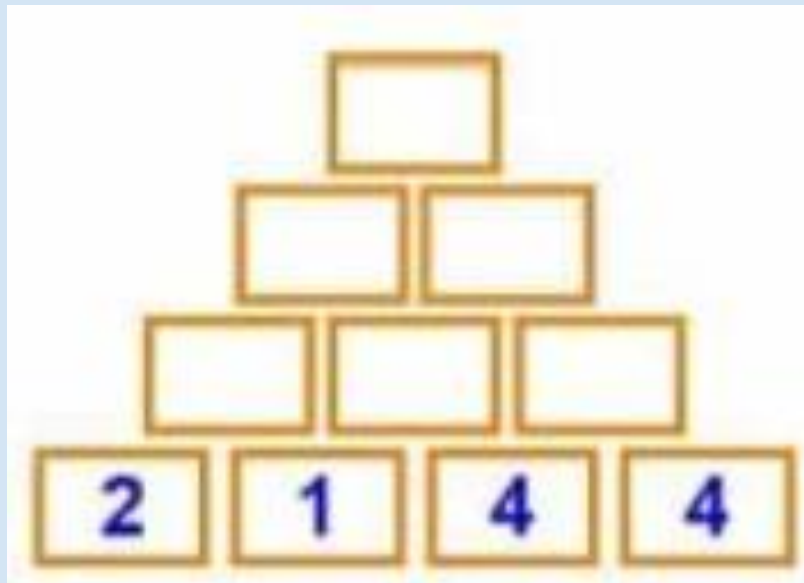


Friday 14th November 2025

14.11.25

Mental Maths

Complete the missing numbers on the addition pyramid.





LQ: Can I add a 2-digit number to a 2-digit number?

Steps to Success:

I can organise two numbers into a column method placing the tens and ones correctly.

I can add the two 'ones'.

I can add the two 'tens'.



★ Star Words ★

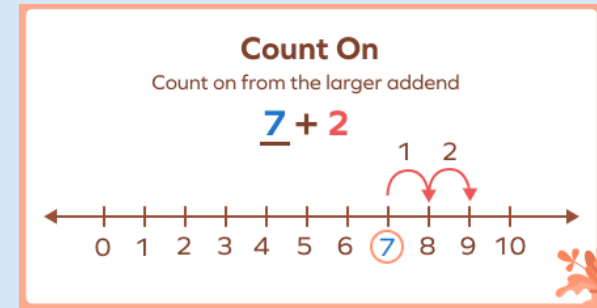
addition/add/plus



amount



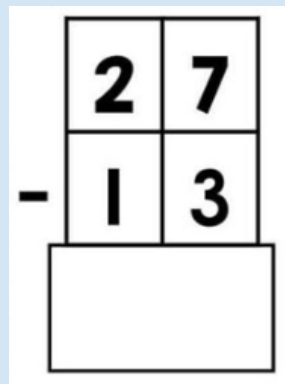
Counting on



more/increase



tens ones



total/equal



14.11.25

LQ: Can I add a 2-digit number to a 2-digit number?

Today we are add a 2-digit number to a 2-digit number using the column method.

TP- What is the column method?

Describe the columns.

What positions are the digits in?

How do you know?

14.11.25

LQ: Can I add a 2-digit number to a 2-digit number?



Some insects are visiting the garden.



32 butterflies visit and 14 ladybirds visit.

How many insects visit the garden altogether?

TP- Which calculation does this word tell us?
How do you know?

14.11.25

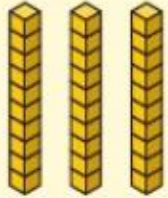



LQ: Can I add a 2-digit number to a 2-digit number?

Let's work together to solve this addition using the column method. Use dienes to help us to partition the tens and ones.

$$32 + 14 =$$



Tens	Ones

Tens	Ones
	
	

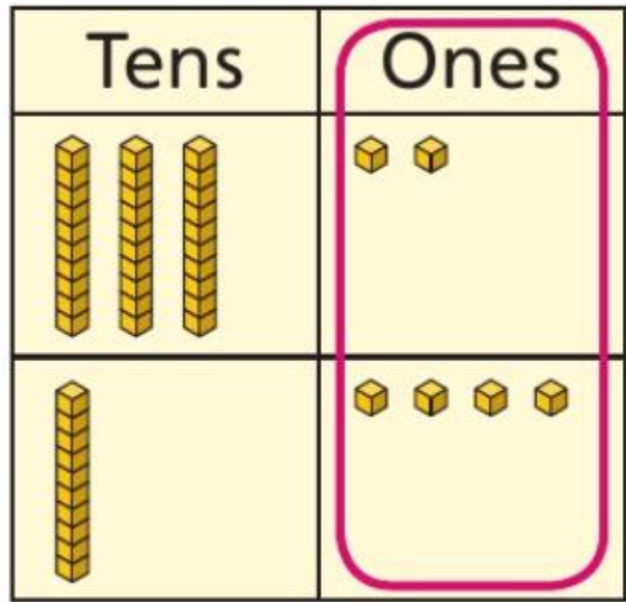
+

	T	O
	3	2
+	1	4
	<hr/>	
	<hr/>	

14.11.25

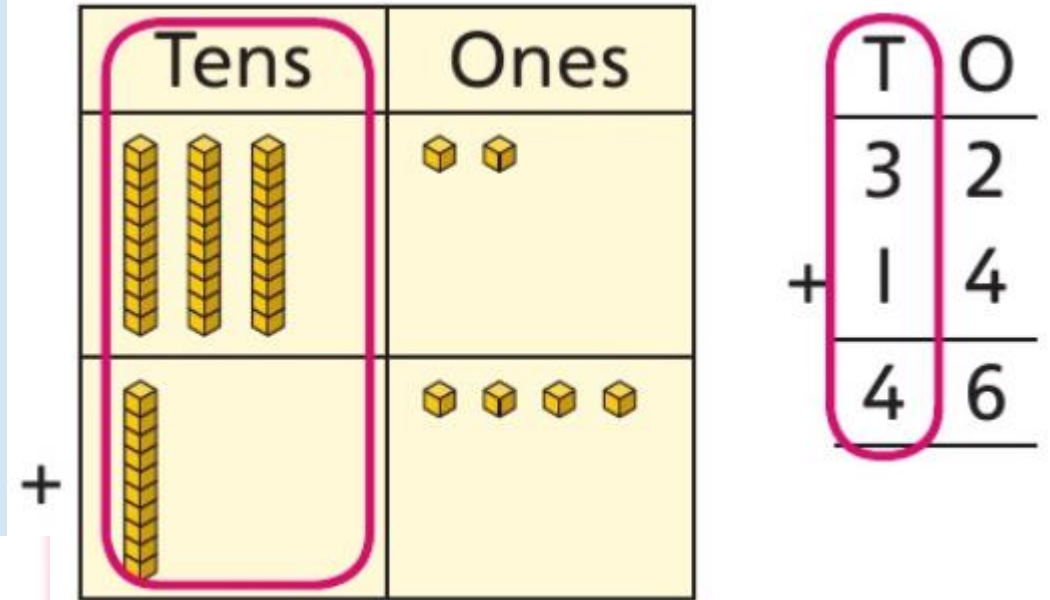
LQ: Can I add a 2-digit number to a 2-digit number?

First add the ones, $2 + 4 =$



$$\begin{array}{r} \text{T} \quad \text{O} \\ 3 \quad 2 \\ + 1 \quad 4 \\ \hline \quad 6 \end{array}$$

Then add the tens, $3 + 1 =$



$$\begin{array}{r} \text{T} \quad \text{O} \\ 3 \quad 2 \\ + 1 \quad 4 \\ \hline 4 \quad 6 \end{array}$$

I added the ones first and then added the tens.



$$32 + 14 = 46$$

14.11.25

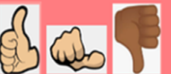
LQ: Can I add a 2-digit number to a 2-digit number?

Continue and explain the pattern.

$$\begin{array}{l} 15 + 85 = 100 \\ 20 + 80 = 100 \\ 25 + 75 = 100 \\ 30 + \underline{\quad} = 100 \\ \underline{\quad} + \underline{\quad} = 100 \end{array}$$

Self assessment

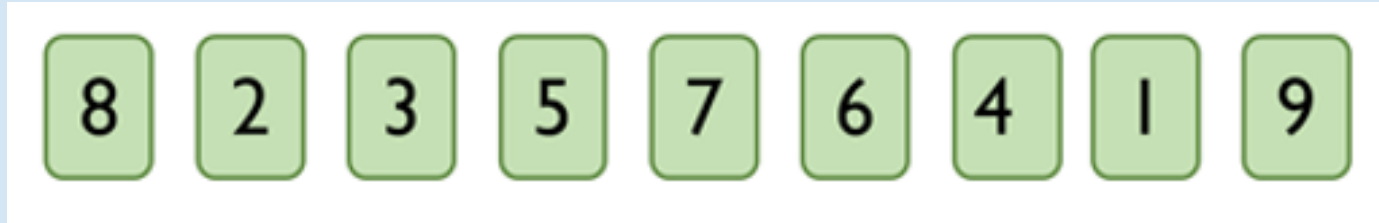
*Do you understand how to describe
the pattern?*



14.11.25

LQ: Can I add a 2-digit number to a 2-digit number?

Take three consecutive numbers and add them together. E.g. 2, 3 and 4



TPs: What do you notice?

Choose three groups of 3 consecutive 1-digit numbers and see if there is a pattern.

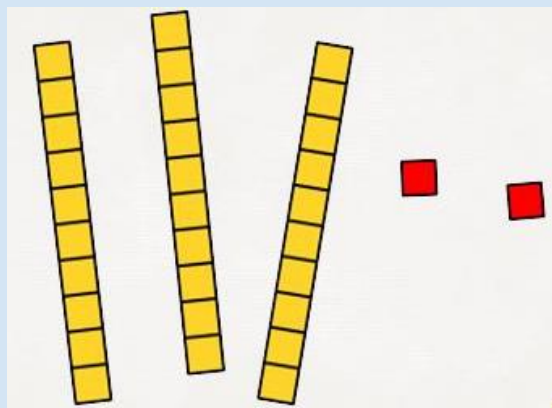
14.11.25

Task

LQ: Can I add a 2-digit number to a 2-digit number?

Practise solving the following additions using the column method.

If you need help, use the dienes on the place value grid to partition the numbers into tens and ones.



Tens	Ones

$$17 + 11 =$$

$$21 + 25 =$$

$$36 + 22 =$$

$$45 + 34 =$$

$$51 + 37 =$$

Remember:

First add the ones.

Then add the tens.

Self assessment

Do you understand the task?

