Timed Challenge

How many equations can you solve in 3 minutes?

3 + 2 =	7 + 1 =	3 − 1 =	9 + 9 =
10 − 4 =	5 + 5 =	2 + 7 =	11 − 4 =
9 − 3 =	9 − 6 =	5 − 4 =	7 + 6 =
1 + 6 =	5 + 4 =	8 + 4 =	12 − 3 =
6 + 4 =	2 -1 =	8 − 7 =	7 + 7 =
8 − 3 =	2 + 1 =	10 − 5 =	13 − 1 =
4 + 4 =	5 − 1 =	8 + 3 =	8 − 2 − 1 =
5 + 9 =	3 + 7 =	4 − 0 =	1 + 3 =
5 − 2 =	6 − 4 =	9 + 6 =	2 + 4 − 3 =
8 + 8 =	2 + 8 + 3=	3 − 1 -1 =	6 + 4 + 5 =
7 − 7 =	9 − 2 − 3 =	4 + 9 + 1 =	5 + 3 − 1 =

Remember
Your fingers will slow you down!
What skills have we practised this year to help you?

Key learning: to answer addition and subtraction equations.

Success criteria:

I can add and subtract without crossing tens

I can add and subtract crossing tens

I can select a suitable method/the most efficient method to solve equations

I can check my answer

Support - drawing tens and ones, counting on

Star words

addition   subtraction   equation

part   whole   tens

ones

Show me an addition sign.

+

Show me an subtraction sign.
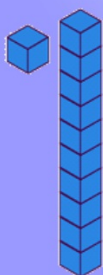
-

11 + 5 =

Is this an addition or a subtraction equation?

How do you know?

It is an .... equation because ....

Complete the step instructions
1. Draw the tens and/or ones for BOTH parts
2. Count up the tens and ones
3. Write the answer

13 + 14 =

Is this an addition or a subtraction equation?

How do you know?

It is an .... equation because ....

Complete the step instructions
1. Draw the tens and/or ones for BOTH parts
2. Count up the tens and ones
3. Write the answer

18 - 3 =

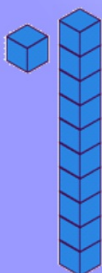Is this an addition or a subtraction equation?

How do you know?

It is an .... equation because ....

Complete the step instructions
1. Draw the tens and/or ones for THE WHOLE
2. Cross out the tens and/or ones of the part you are subtracting
3. Count the tens and/or ones left and write the answer

26 - 14 =

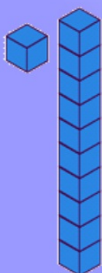Is this an addition or a subtraction equation?

How do you know?

It is an .... equation because ....

Complete the step instructions
1. Draw the tens and/or ones for THE WHOLE
2. Cross out the tens and/or ones of the part you are subtracting
3. Count the tens and/or ones left and write the answer

Copy the equations into your book and solve.
Choose an efficient strategy to solve them!

Independent

12 + 7 =	15 + 14 =	45 – 15 =
19 – 3 =	34 + 15 =	52 + 27 =
24 – 3 =	33 + 13 =	61 + 33 =
23 + 5 =	11 + 18 =	31 + 14 =

Challenge yourself!

Independent

11 + 3 + 4 =	22 + 12 + 3 =	29 – 24 – 3 =
23 + 4 +2 =	37 – 11 – 5 =	46 – 14 + 23 =

Independent

Model 1

What methods could I use to solve this?

Use > < or = to complete this equation: **Deepening**

20 + 10 + 2   □   43 - 12 - 12

Annie has 12 marbles.

Ron has 13 marbles more than Annie.

How many marbles do they have altogether?

Use < > and = to complete the number sentence.

Work the answers out in your book.

11 + 3 + 4 [ ] 29 – 14 – 3

23 + 14 – 11 [ ] 39 – 24 + 12

Deepening

Find the total of each row and column

3	3	4	[ ]
4	3	2	[ ]
2	1	3	[ ]

[ ] [ ] [ ]

Mrs Granger has 16 marbles, she loses 14 of her marbles in the morning then loses 2 more marbles. How many marbles does she have left at the end of the day?