

MATHS IN YEAR 2

NOVEMBER'23



To be the best I can be..

THE NATIONAL CURRICULUM FOR MATHEMATICS

Aims to ensure that all pupils :

- * Become fluent in the fundamentals of mathematics.

- * Reason mathematically

- * Solve problems by applying their mathematics



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ADDITION AND SUBTRACTION – YEAR 2



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- using concrete objects and pictorial representations, including those involving numbers, quantities and measures
- applying their increasing knowledge of mental and written methods
- recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100

Add and subtract numbers using concrete objects, pictorial representations, and mentally, including:

- a two-digit number and ones
- a two-digit number and tens
- two two-digit numbers
- adding three one-digit numbers
- show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot
- recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.

ADDITION AND SUBTRACTION GREATER DEPTH



- use reasoning about numbers and relationships to solve more complex problems and explain their thinking (e.g. $29 + 17 = 15 + 4 + ?$; 'together Jack and Sam have £14. Jack has £2 more than Sam. How much money does Sam have?' etc)
- solve unfamiliar word problems that involve more than one step (e.g. 'which has the most biscuits, 4 packets of biscuits with 5 in each packet or 3 packets of biscuits with 10 in each packet?')

COUNTING – YEAR 2



BLAST OFF

Find a Number Count On & Back

Find a Number

Direct	In Between
10 to 20	10 to 20
10 to 30	10 to 30
30 to 60	30 to 60
60 to 99	60 to 99

Topmarks

The image shows a rocket launch game interface. On the left is a rocket with a red nose cone, blue fins, and a yellow flame. The background is a dark blue space with white stars. The title 'BLAST OFF' is in large, stylized orange and yellow letters. Below the title are two buttons: 'Find a Number' (red) and 'Count On & Back' (blue). A central grey box contains the 'Find a Number' section with two columns: 'Direct' and 'In Between'. Each column has four red buttons with the ranges '10 to 20', '10 to 30', '30 to 60', and '60 to 99'. The 'Topmarks' logo is in the bottom right corner.

ADDING 3 NUMBERS

$$7 + 5 + 3 =$$

$$8 + 6 + 8 =$$

$$4 + 7 + 8 =$$

$$9 + 4 + 3 =$$

Look for....

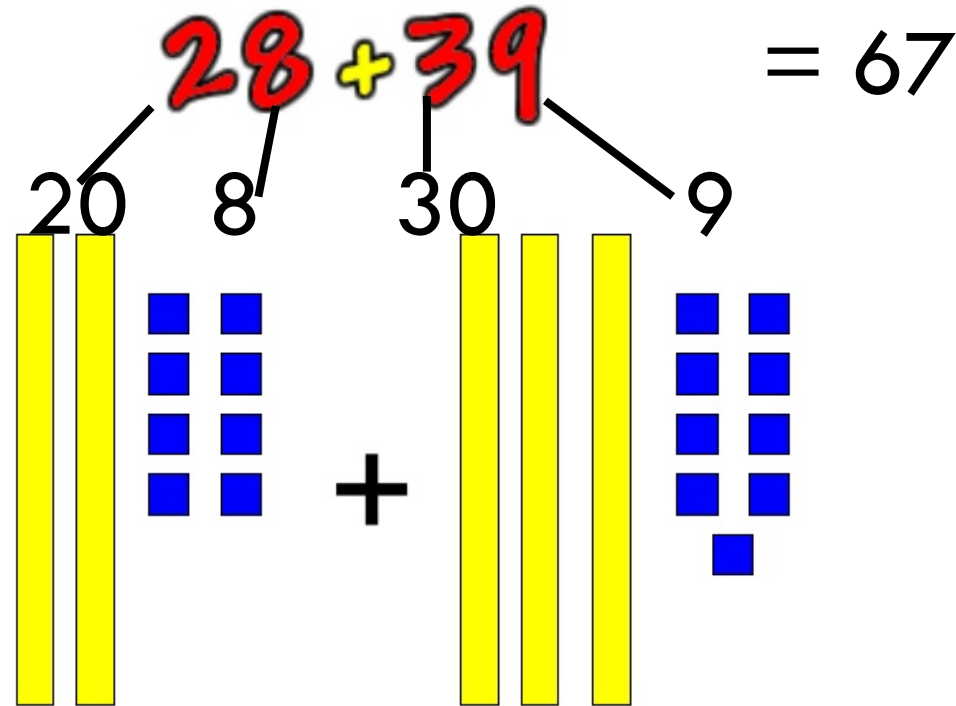
1. Pairs to 10
2. Number doubles
3. Near doubles



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Addition of 2 digit numbers

Using base 10 and then drawing



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KEY STAGE 1 MATHS CURRICULUM

Addition of 2 digit numbers

Using column method

T.O.

28

39+

67

1

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KEY STAGE 1 MATHS CURRICULUM

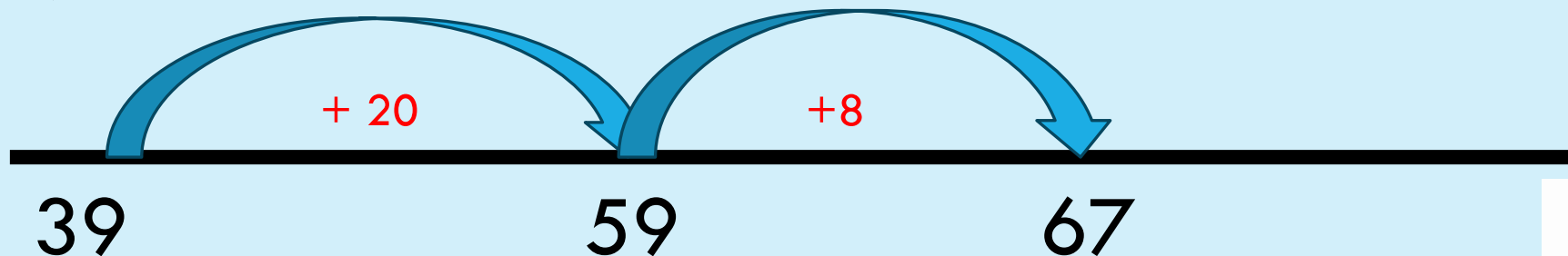
Addition of 2 digit numbers

Strategies for adding in their head.

$$28 + 39 =$$

$$39 + 28 =$$

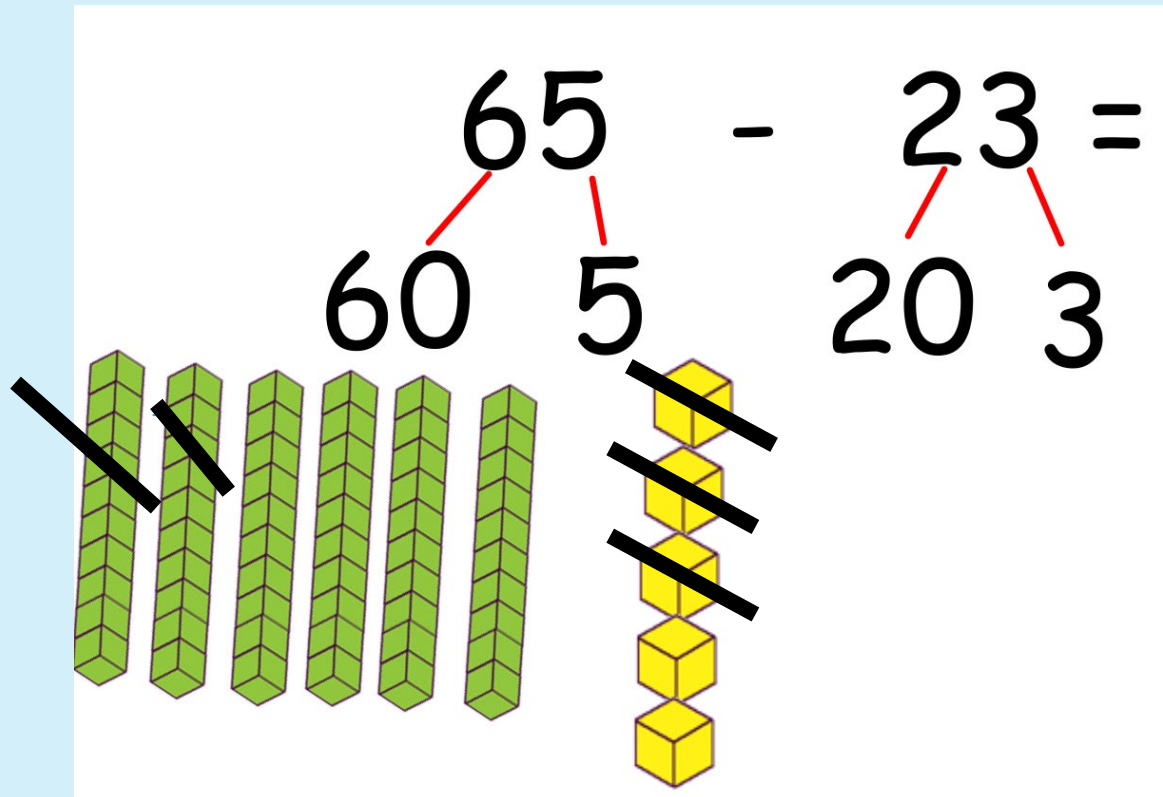
$$39 + 20 + 8 =$$



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KEY STAGE 1 MATHS CURRICULUM

Subtraction using base 10 and then
drawing



SUBTRACTION

Subtraction

$$\begin{array}{r} \text{T.O.} \\ 5 \cancel{6} 5 \\ 28 \text{ ---} \\ 37 \end{array}$$



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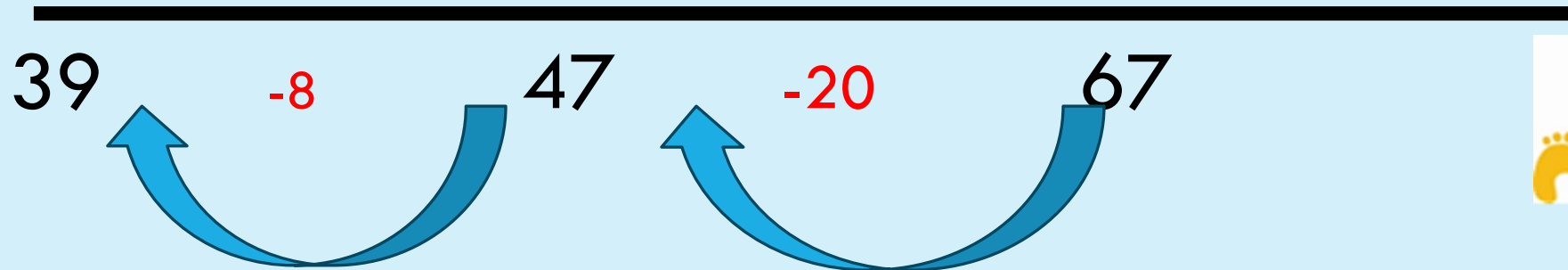
KEY STAGE 1 MATHS CURRICULUM

Subtraction of 2 digit numbers

Strategies for subtracting in their head.

$$67 - 28 =$$

$$67 - 20 - 8 =$$



YEAR 2 HELPING AT HOME

- Continue to support your child with the **Super Maths Facts** and times tables they are learning .Lots of quick fire practice of facts concentrate on the tricky ones and keep recapping the ones they already know. This will take time and retention is key.
- **Hit The Button** great for multiplication and then inverse
- **Lots of practise of addition and subtraction** - mixing up if there is a need to exchange tens and ones or not.
- **Money:** counting coins in your purse/ pocket.
- **Regular maths Homework Term 4**



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