

## Last term (Y6 Autumn term)

- List all the prime numbers that are less than 20
- Which of these numbers are prime and which are composite?

30	31	32	33	34
35	36	37	38	39

## Previous learning... Form equations

- If  $a$  is a number, how do you write "3 times the value of  $a$ "?
- How do you write "4 more than the number  $x$ "?
- If 4 more than the number  $x$  is equal to 26, how can you write this as an equation?

• Tom thinks of a number and calls it  $x$ .

Which expression represents 5 more than Tom's number?

$5x$	$x + 5$	$x - 5$	$x \div 5$
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Double Tom's number is 64

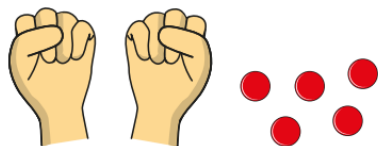
Which equation shows this information?

$x + 2 = 64$	$x \div 2 = 64$	$2x = 64$	$x - 2 = 64$
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## We are currently learning... Solve 2-step equations

- Tommy has 17 counters.

He puts the same number of counters ( $c$ ) in each hand and has some left over.



Which equation shows this?

$c + 2 = 5$	$2c = 17$	$2c + 5 = 17$	$2c + 17 = 5$
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Solve the equation to work out how many counters Tommy has in each hand.

- Kay thinks of a number.

She multiplies the number by 2 and then adds 5

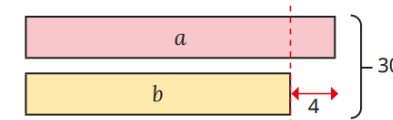
She gets the answer 29

What number did Kay think of?

## We are learning next... Solve problems with 2 unknowns

- The sum of  $a$  and  $b$  is 30

The difference between  $a$  and  $b$  is 4



Use the bar model to work out the values of  $a$  and  $b$ .

- Here is some information about two numbers,  $x$  and  $y$ .

$$x + y = 10$$

$$x - y = 2$$

▶ Label the information on the bar model.

