8.2.21

Arithmetic

1. 1,500 - ? = 2,700

2. 2,800 + 96 = ?

3. ? + 2,100 = 3,000

4. 2,712 + ? = 2,983

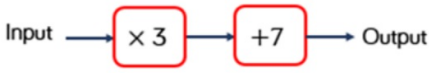
5. ? - 57 = 1,039

6. ? x 5 = 125

FB4

Flashback 4 — Year 6 | Week 5 | Day 3

1) What is the output if the input is 12?



2) Work out 40% of 60

3) What is the 4 worth is 6.145?

4) Write down two factors of 20

White Rose Maths

Problems of the Day

Day 11

1 Use <, > or = to make these number sentences correct.

$9 \times 7 \bigcirc 8 \times 7$

$48 \div 2 \bigcirc 48 \div 4$

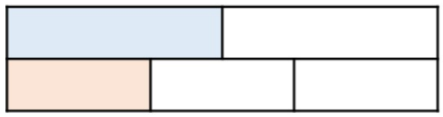
$300 \times 2 \bigcirc 20 \times 30$

2 There are 1,500 children in a school.
565 of the children are girls.
How many more boys than girls are in the school?

3 Mr Patel writes a number on the board.

- Leon finds $\frac{1}{2}$ of the number.
- Sophie finds $\frac{1}{3}$ of the number.
- Leon's number is 7 more than Sophie's.

What is the number Mr Patel started with? This bar model may help you.

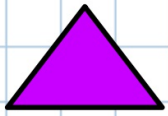


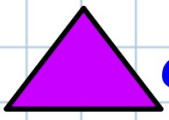
White Rose Maths

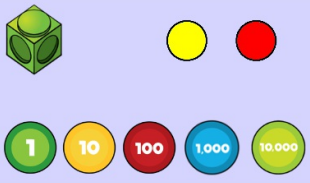
Substitution

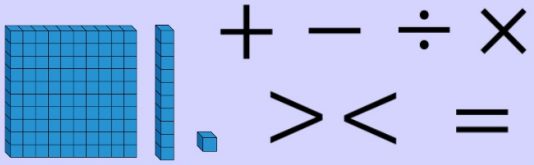
White Rose Maths

In substitution, we can substitute numbers to find a value of an expression.

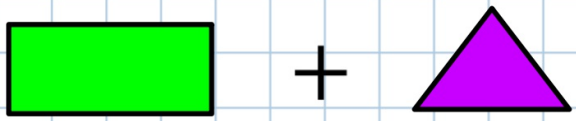
If  = 5  = 2

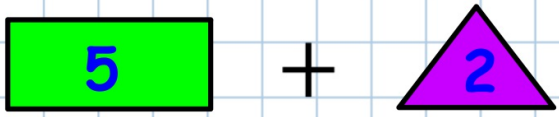
What does  +  equal?



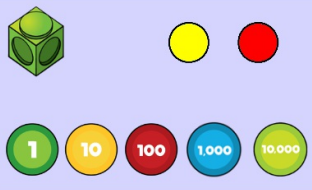


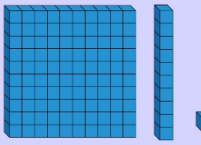
Substitution





= 5 + 2 = 7



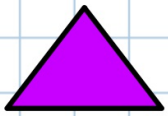


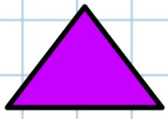
+ − ÷ ×

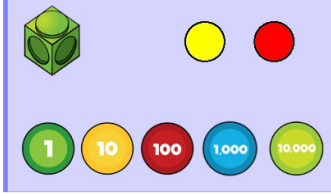
> < =

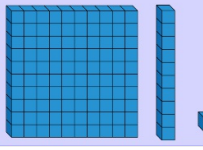
Substitution

The same expression can have different values depending on what is substituted.

If  = 6  = 3

Then  +  = 9





+ − ÷ ×

> < =

a + a + b =

This could also be written as 2a + b

When a number is next to a letter we multiply them together

3b = 3 x b (or b + b + b)

If a = 3 and b = 10

a + a + b =

This could also be written as 2a + b

= 3 + 3 + 10 = 16

3b = 3 x b (or b + b + b)

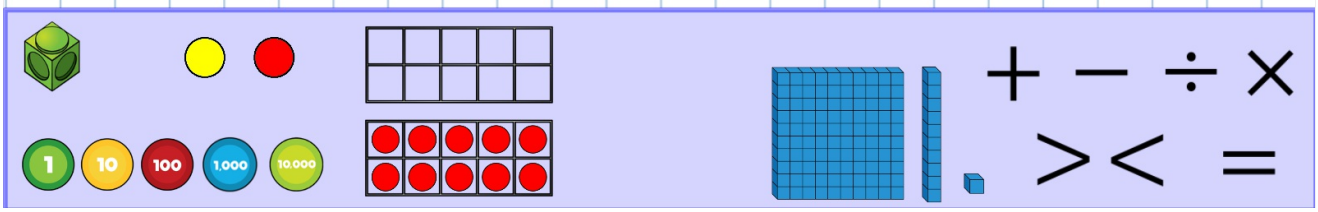
ab

If a = 5 and b = 20

This could also be written as a x b

When a two letters are next to each other we multiply them together

ab = 5 x 20 = 100



8.2.21

Sunbstitution

Vocabulary

- algebra
- function
- input
- output
- one-step
- two-step
- expression
- Substituted

4.2.21 Forming expressions

Today we are learning to subsittute values into simple expressions to find the value of that expression

I will be successful if:

- I identofy where values are substituted in an expression.
- I carry out the calcuation in the correct order.
- I can group 'like terms' e.g 2+a = 3a
- I know that two letters next to each other mean that they are multiplied together.

4.2.21

Plenary

True or False?