Welcome to our maths session

Please sit in pairs and small groups as we will be expecting you to join in with our session today
(including lots of partner talk)

Do Now!

1 + 0 = 1 2 + 0 = 2 3 + 0 = 3	1 - 0 = 1 2 - 0 = 2 3 - 0 = 3
1 + 10 = 11 2 + 10 = 12 3 + 10 = 13	11 - 10 = 1 12 - 10 = 2 13 - 10 = 3

What do you notice? What is the same? What is different?

I noticed that... I can see that... "because"

Addition and subtraction - Year 1 objectives

I can read and understand number statements using +, - and =	I can write number statements using +, - and =
I can use number bonds up to 20	I can use subtraction facts up to 20
I can add one digit and two digit numbers to 20	I can subtract one digit and two digit numbers to 20
I can answer problems that use addition and subtraction, including missing number problems, using objects and pictures	

Concrete

Manipulatives: Anything you can get your hands on, often with a 1:1 ratio of number to objects. You can solve problems by counting. Including, but not limited to:

Numicon

Cubes

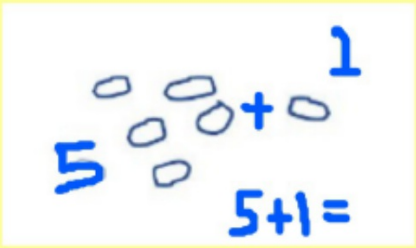
Counting objects

4 + 3 =

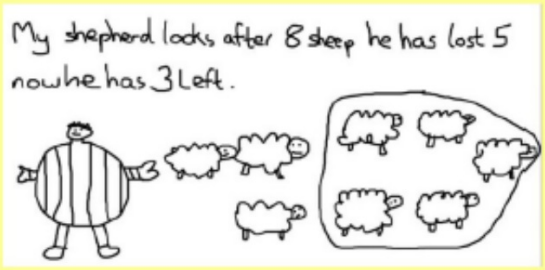
Visual

A visual representation of the numbers that you can see. You can solve problems by counting. You can see the numbers but you can't move them around. Including, but not limited to:

pictures someone else has created



jottings

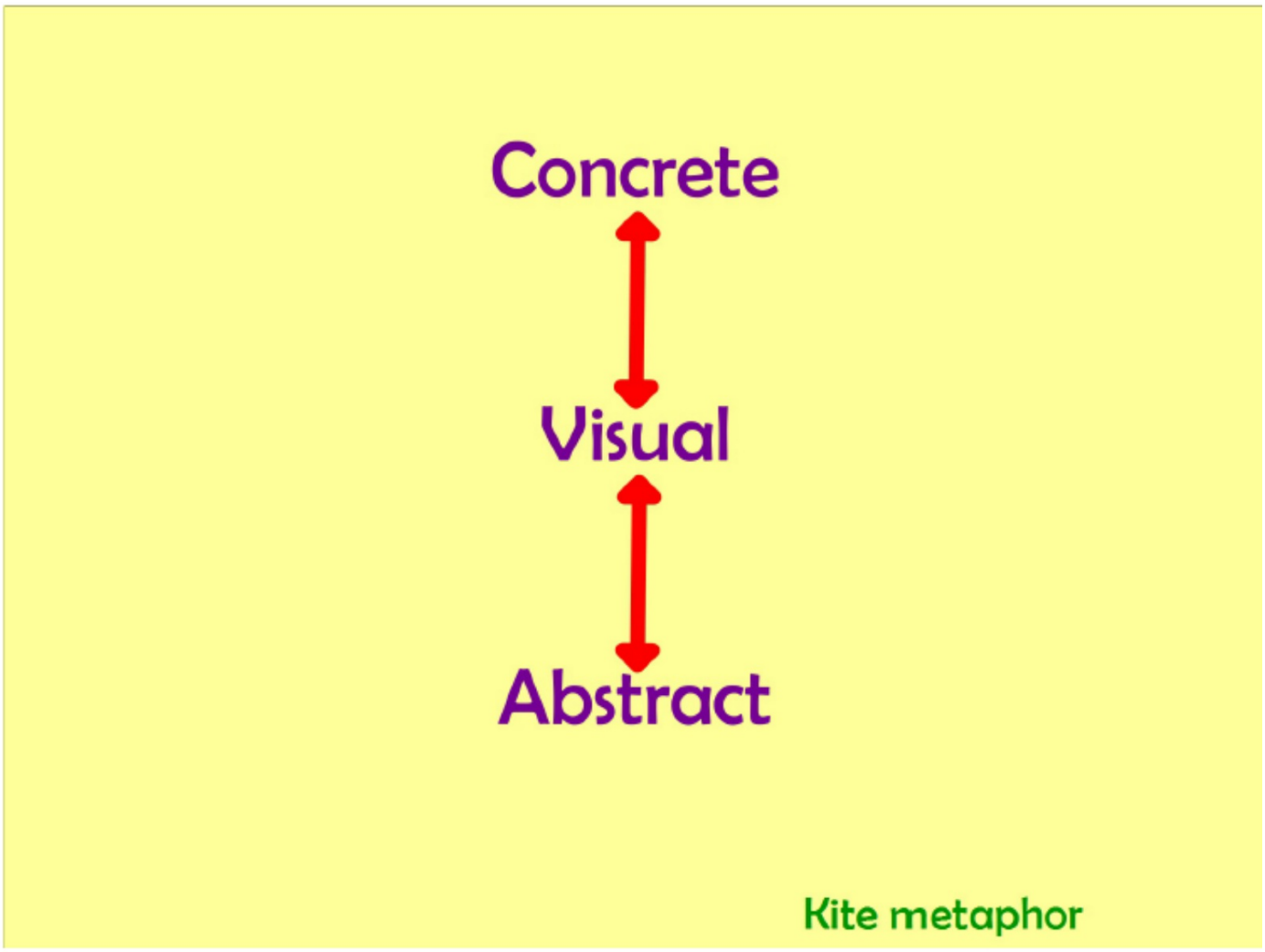


pictures that you draw

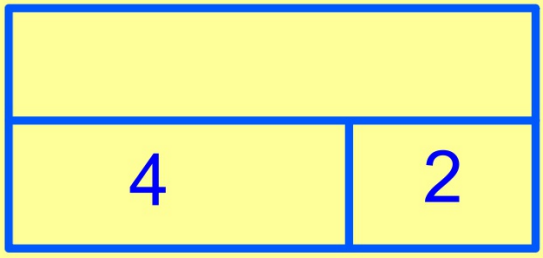
4 + 2 =

Abstract

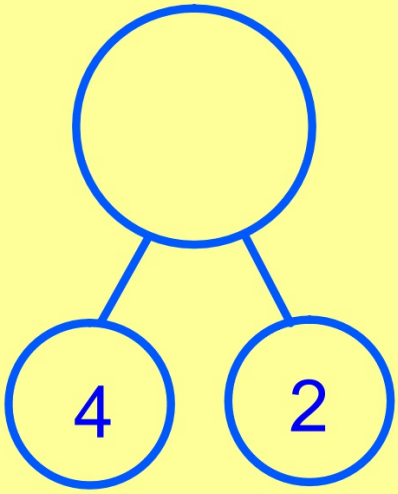
There isn't an obvious connection between what you can see and the numbers but it does have a purpose. You can't solve problems by counting so you need to have an internal understanding of number.


Concrete
Visual
Abstract
Kite metaphor

Different representations.

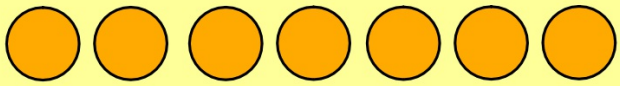


There were 4 cats. 2 more cats came. How many cats altogether?



BUT WHY

Do now



$7-6=1$

$7-1=6$

$7-4=3$

$7-3=4$

$7-5=2$

$7-2=5$

$7-0=7$

$7-7=0$

What do you notice? What is the same?
What is different?

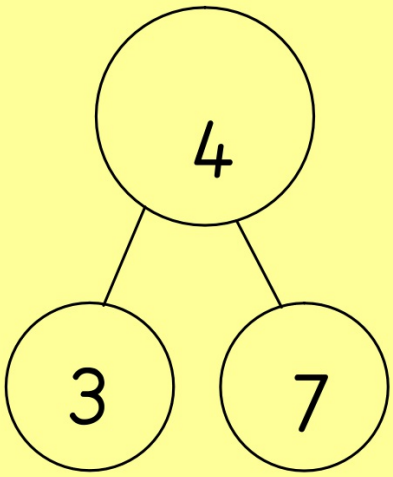
WALT use subtraction to find a missing part.

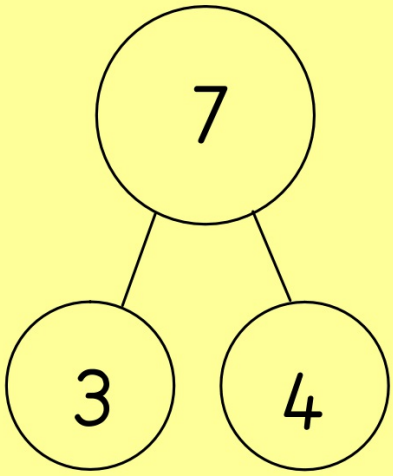
I can find out how many objects are left when some are taken away

I can use a jotting or objects to solve subtractions

Which is the right part whole?

7 - 3 = 4





How do you know?

In a subtraction, which number is the biggest? Why?

14 - 7 = 7

3 - 2 = 1

10 - 6 = 4

13 - 8 = 5

4 - 2 = 2

Talk Task

Have a look at the subtractions on your page. Cross out the ones that are wrong.

10 - 3 = 7

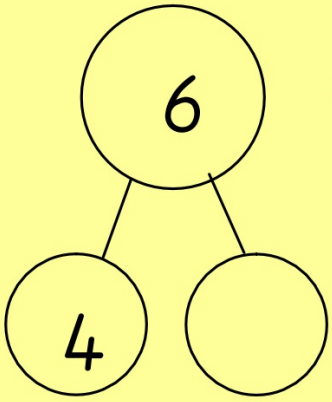
4 - 10 = 6

2 - 5 = 3

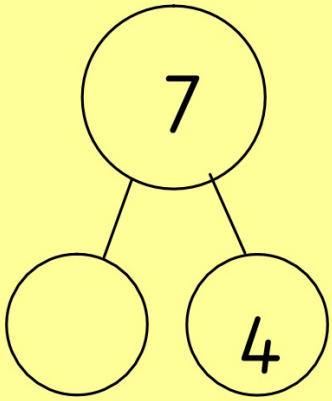
6 - 4 = 2

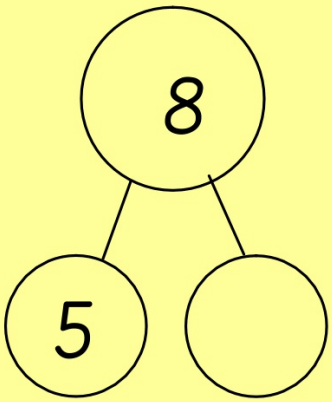
Develop Learning.

When we take away, we are splitting a whole into two parts. Find the missing number using a take away.

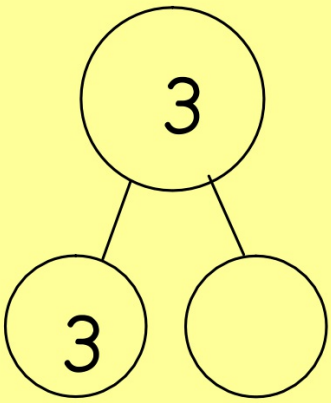


6 - 4 =





8 - 5 =

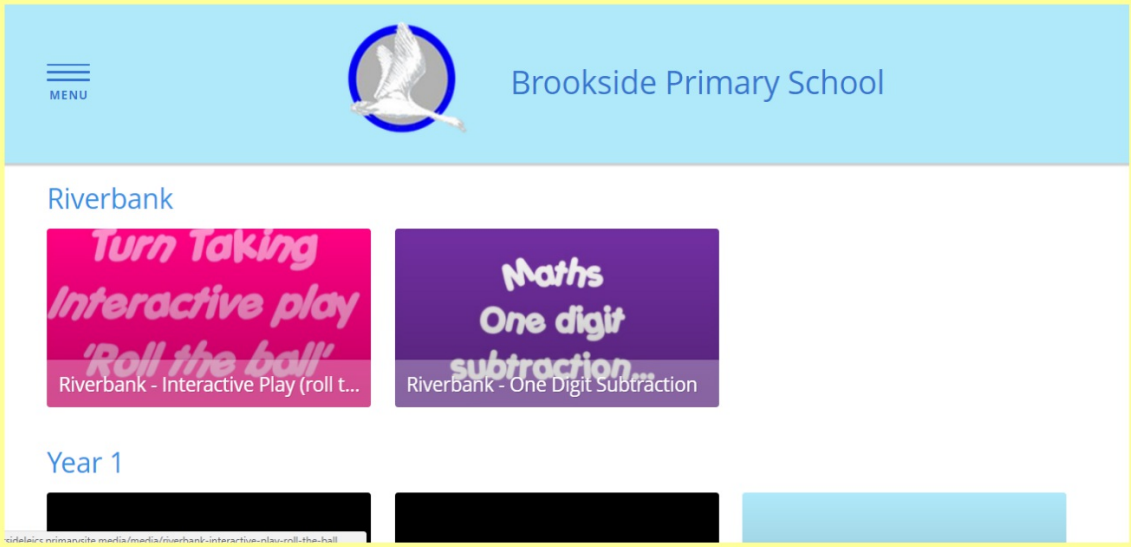


Final thought

How many ways can you make 2?

- = 2	- = 2
- = 2	- = 2
- = 2	- = 2
- = 2	- = 2

Brookside TV



Thanks for
Coming!