Welcome to Year 1 Maths

The lesson will begin at 10:35 am

Turn your camera and microphone off please

Ark Curriculum+

Year 1 Unit 7: Exploring calculation strategies within 20

Lesson 4: The = symbol

Mathematics
Mastery

Let's do now...

You will need a piece of paper, a pencil and some objects

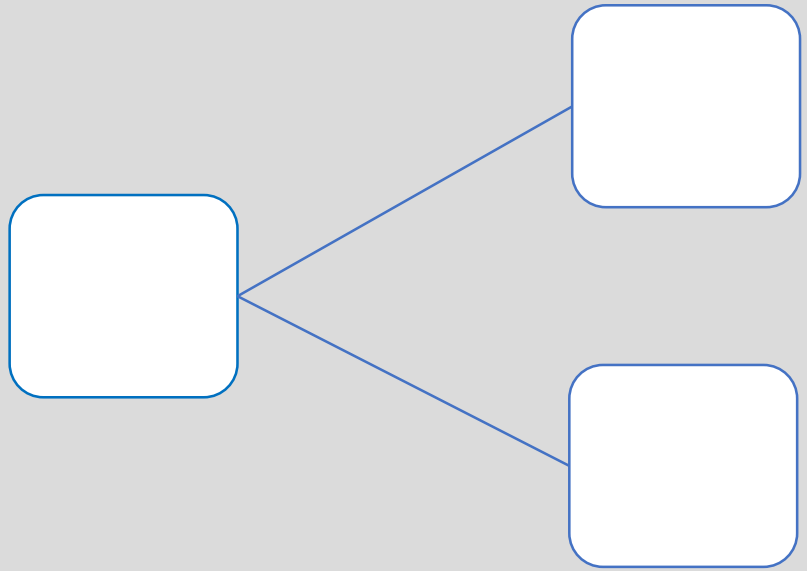
5 minutes...

Number composition

Do Now

If _ is the whole, what could the parts be?

Can you show it on a bead string?



Key learning: To understand the = symbol represents equivalence

Star Words

equal

part

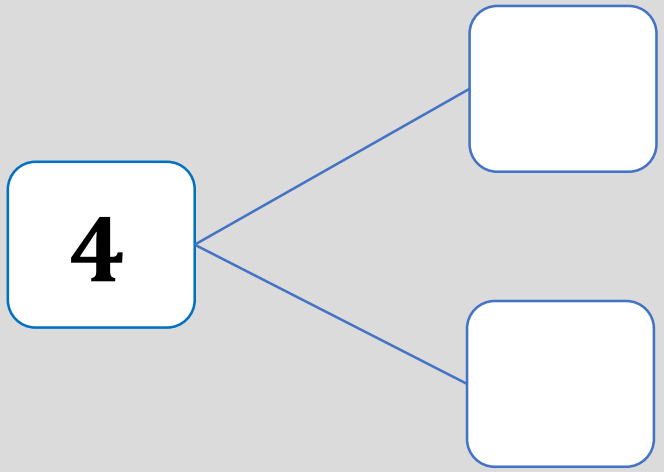
is equal to

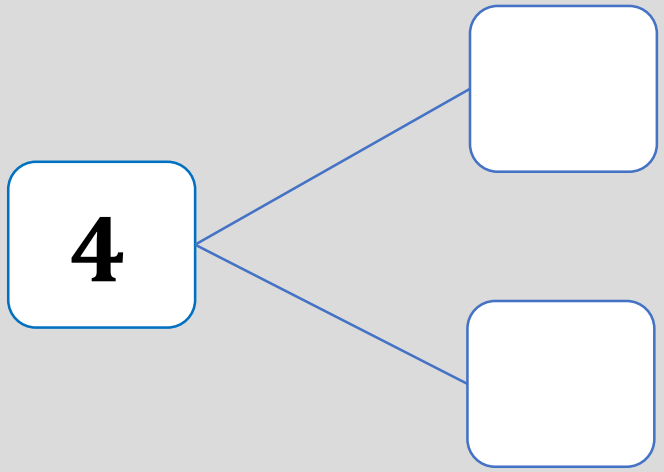
whole

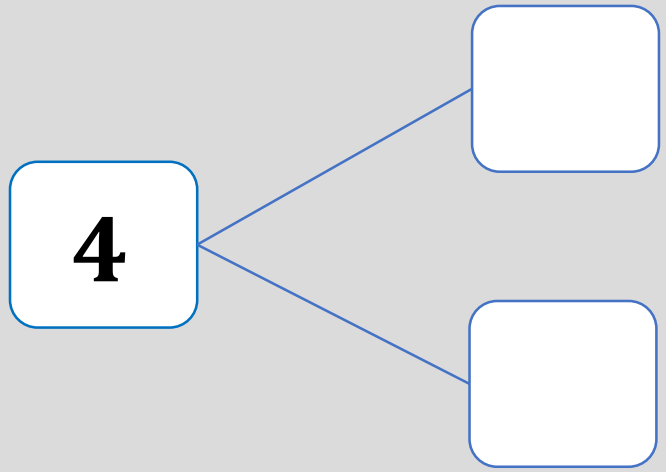
equation

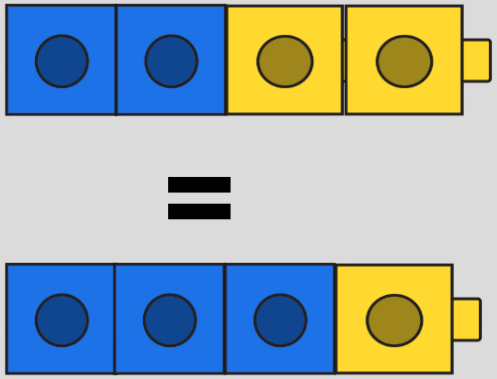
plus

Equivalent part-whole relationships







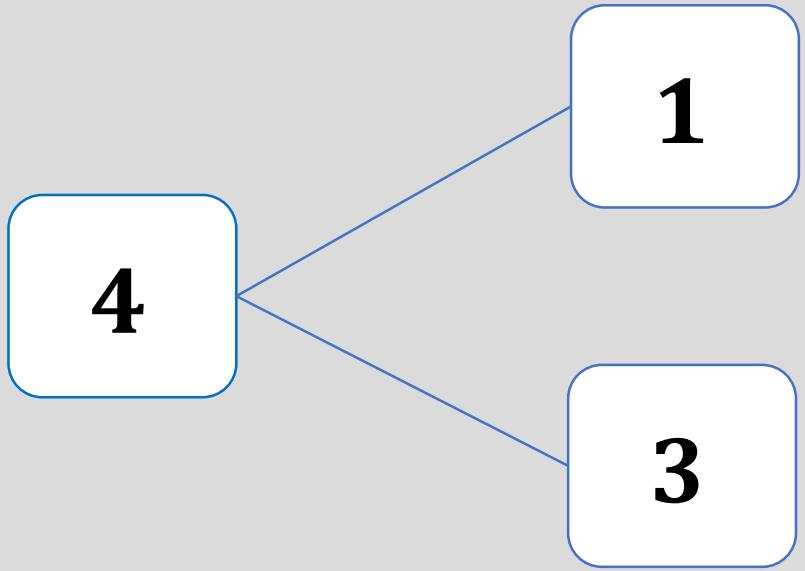


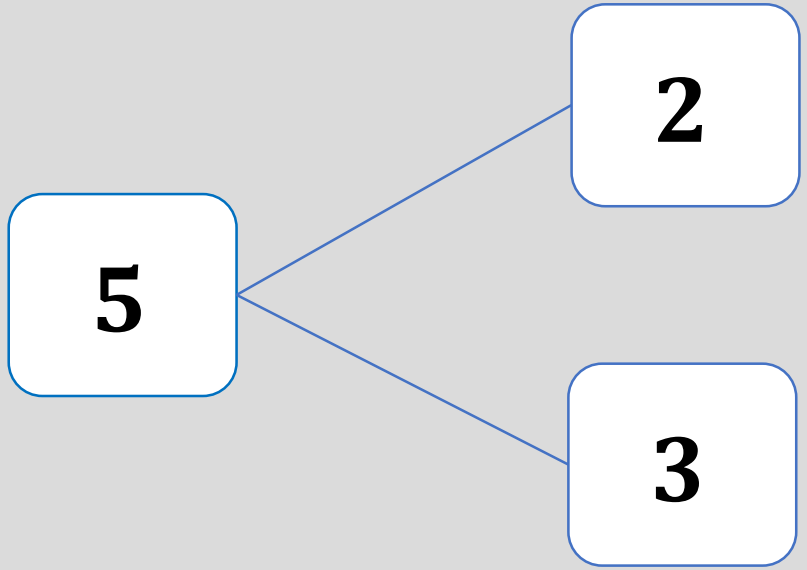
$$2 + \quad = 3 + 1$$

Which other equations could you write?

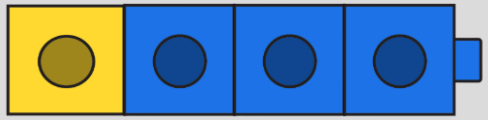
New Learning

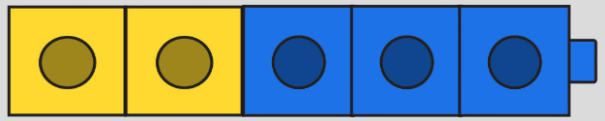
Equivalent part-whole relationships





1 + 3 is not equal to 2 + 3





New Learning

Talk task...

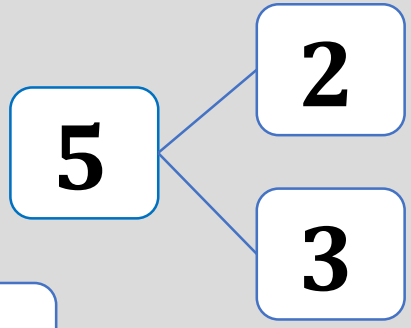
You will need a piece of paper, a pencil and some objects

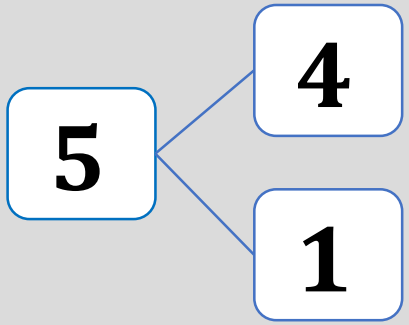
10 minutes...

Reasoning about equivalent part-whole relationships

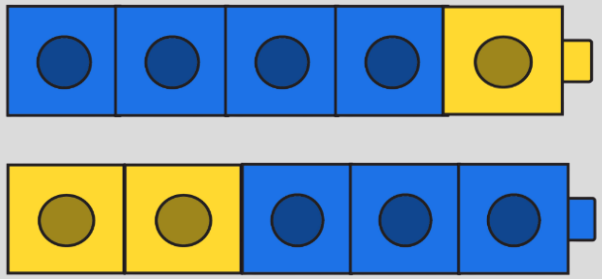
Talk Task

I choose this part-whole model with two and three.





They are! So two plus three is equal to four plus one.

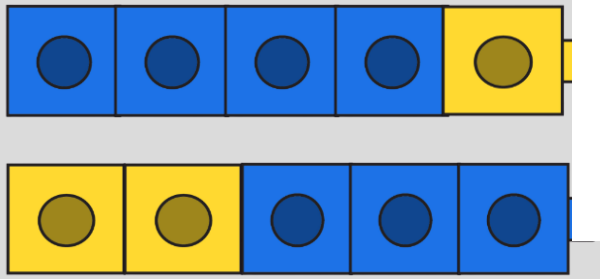


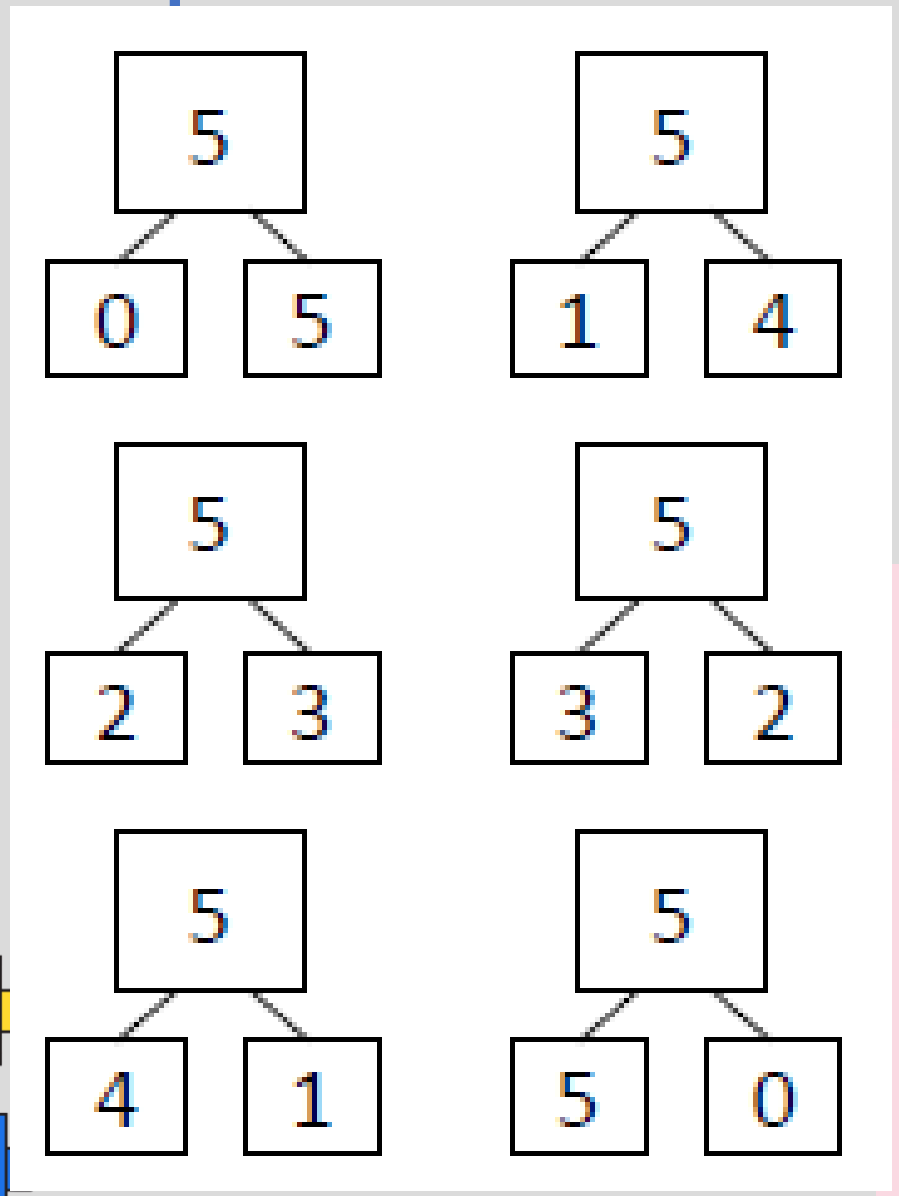
I choose this one with four and one. Let's see if our cube trains are the same length.

And four plus one is equal to two plus three.

Reasoning about equivalent part-whole relationships

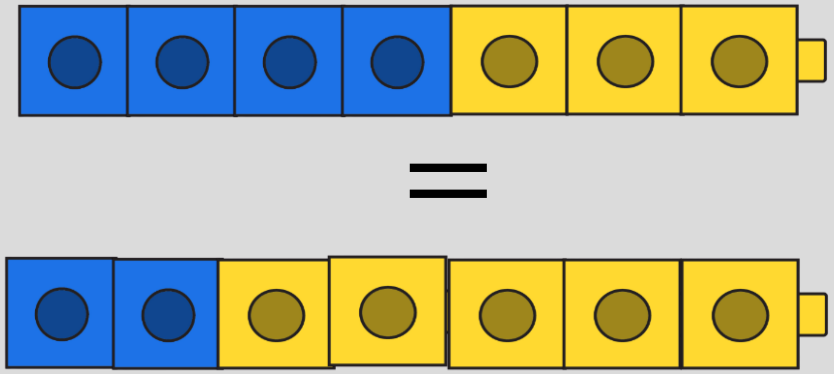
Talk Task





Balancing equations to solve empty box problems

$$4 + 3 = \square + 5$$



Develop Learning

Independent task

Using the blank clocks fill in o'clock times.

Remember the minute hand always goes on the 12 to show o'clock

Key learning: To understand the = symbol represents equivalence

3	+	2	=	1	+	
	+	5	=	2	+	4
2	+	2	=		+	4
6	+		=	4	+	5
1	+	2	=	2	+	

Use cubes to work out the missing numbers in the equations.

Make sure both sides balance!

Independent Task

True or false?

$$4 + 2 = 6 + 1$$

$$3 + 6 = 2 + 7$$

How do you know?

Plenary

		9.05 – 9.30	09.30 – 10.00	10.00 – 10.20	10.20 – 10.35	10.35 – 11.45	11.45 – 12.45	12.45 – 2.00	2.05 -2.20	2.20 - 2.40	2.40 – 2.55
Monday	Self-directed and movement activity	PE (Go noodle/Joe Wickes)	Whole School Assembly LIVE	Spelling and Grammar LIVE	Break	Maths - LIVE	Lunch	ART and MUSIC LIVE	Handwriting - LIVE	Phonics LIVE	Story time - LIVE
Tuesday	Self-directed and movement activity	ART (Recorded/Video on Teams)	Phonics - LIVE			Maths - LIVE		Science LIVE	Handwriting - LIVE	Phonics LIVE	Story time - LIVE
Wednesday	Self-directed and movement activity	MyOn/Times table Rock stars	Phonics - LIVE			Maths - LIVE		Votes for Schools LIVE / PSCHE LIVE	Handwriting - LIVE	Phonics LIVE	Story time - LIVE
Thursday	Self-directed and movement activity	PE (Go noodle/Joe Wickes)	Phonics - LIVE			Maths - LIVE		Languages (Teams Assignment) / Religious Education LIVE / Computing LIVE		Singing Assembly 2:30 – 3:00 LIVE	
Friday	Self-directed and movement activity	MyOn/Times table Rock stars	Phonics - LIVE			Maths- LIVE		Geography/History LIVE	Handwriting - LIVE	Story time - LIVE	KS1 Celebration Assembly 2:30 2:55 LIVE