Spring 2026

Year 1 Maths Challenge

Maths skill to practise this week: **add or subtract 1 or 2.**

Reasoning and problem solving

Tiny is adding 2

To add 2,
I can just add 1 and
then add another 1

Is Tiny correct?

How do you know?

Yes

Here is a number line.

Use the number line to work out the subtractions.

7 – 2	7 – 1 – 1

What do you notice?

5, 5

Kim, Ron and Sam have some crayons.

I have
5 crayons.

Kim

I have
1 more crayon
than Kim.

Ron

Kim has
1 more crayon
than me.

Sam

How many crayons does Ron have?

How many crayons does Sam have?

How many more crayons does Ron have than Sam?

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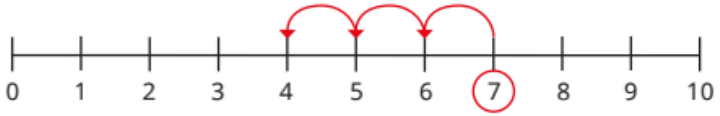
Year 1 Maths Challenge

Maths skill to practise this week: **subtraction on a number line.**

Key learning

- Mo uses a number line to work out how many birds are left.



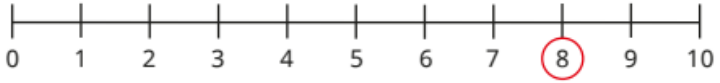
  - Why is 7 circled?
  - Why are there 3 jumps?
  - What number do the jumps end on? What does this mean?

- Jo has 8 sweets.

  She gives 5 sweets to Ron.

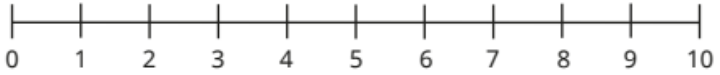
  How many sweets does Jo have left?

  Use the number line to work it out.



- Complete the number lines and the subtractions.

9 – 3 = _____



6 – 4 = _____

- Use the number line to complete the subtractions.

  - 7 – 3 = _____
  - 6 – 6 = _____
  - 10 – 6 = _____
  - 5 – 0 = _____
  - 9 – 4 = _____
  - 4 – 4 = _____

  Which subtractions have the same answer?

- Tom counts backwards from 9

  How many jumps does it take to get to 2?

  Show this in a number sentence.

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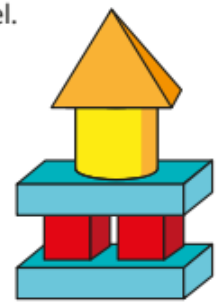
Year 1 Maths Challenge

Maths skill to practise this week: **recognise and name 3D shapes.**

- Match each shape to its name.

cube	cylinder	cuboid	pyramid	cone	sphere

- Complete the sentences to describe the model.



There are _____ cuboids.

There are _____ cylinders.

There are _____ pyramids.

There are _____ cubes.

Use 3-D shapes to make your own model.

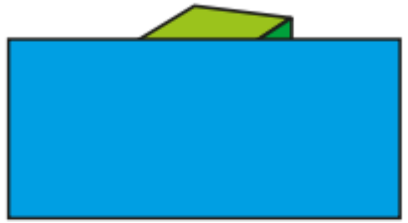
Ask a partner to describe it.

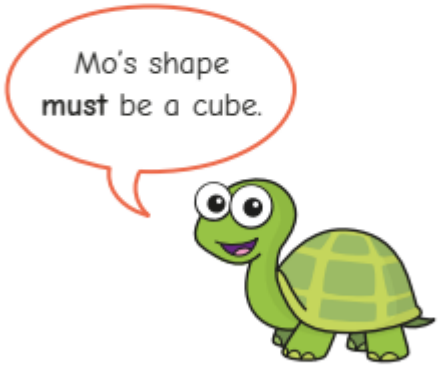
- Which shapes are cubes?

Which shapes are pyramids?

Mo has a 3-D shape.

He covers the bottom of the shape.





Do you agree with Tiny?

Talk about it with a partner.

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Year 1 Maths Challenge

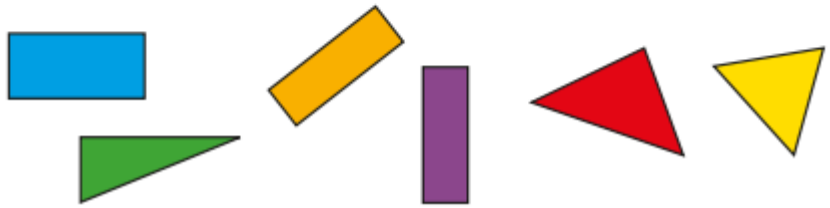
Maths skill to practise this week: **recognise and name 2D shapes.**

- Match each shape to its name.

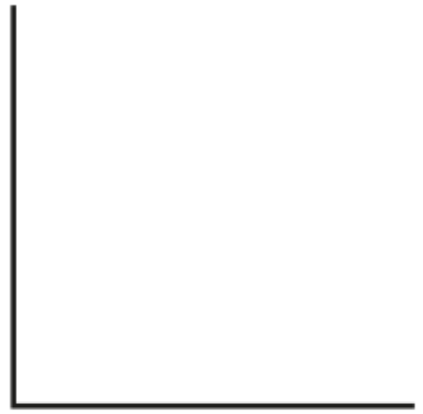
rectangle	circle	square	triangle

- Which shapes are triangles?

  Which shapes are rectangles?



Here is part of a shape.



Draw straight lines to complete the shape.

How many ways can you do it?

Compare shapes with a partner.

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Year 1 Maths Challenge

Maths skill to practise this week: **one more and one less within 20.**

- Write numbers to fill in the boxes.

  Use base 10 to help you.

1 less		1 more
	13	

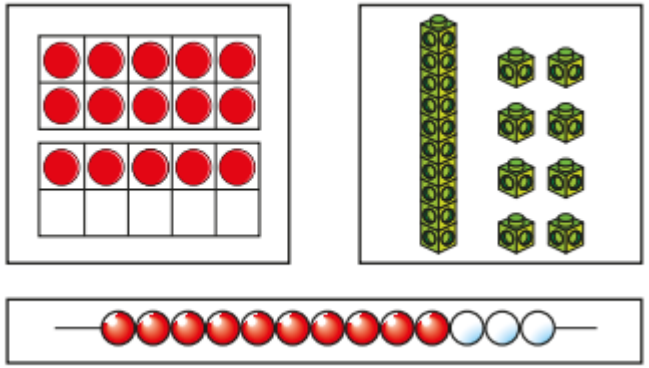
1 less		1 more
	16	

- Use the number track to help you complete the sentences.

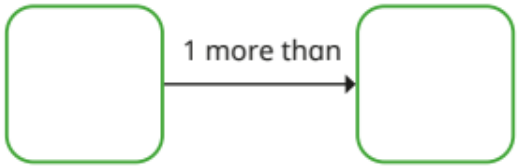
11	12	13	14	15	16	17	18	19	20

- _____ is 1 more than 13
- 13 is 1 more than _____
- _____ is 1 less than 19
- 19 is 1 less than _____

- Make 1 more and 1 less than each number.



Use the numbers from 11 to 20 to fill in the boxes.



How many ways can you find?

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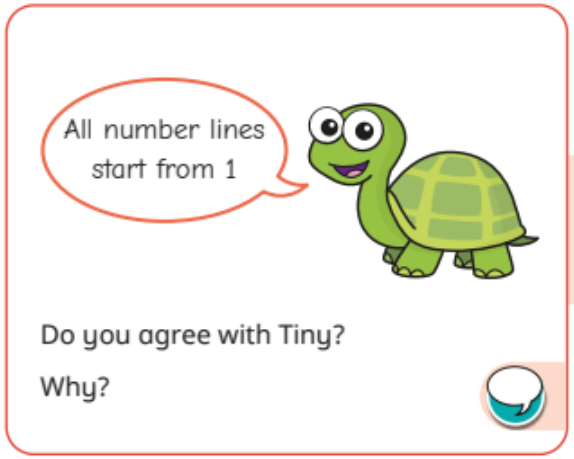
Year 1 Maths Challenge

Maths skill to practise this week: **use a number line to 20.**

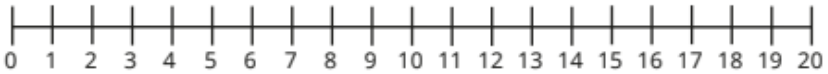
- Ann counts from 8 to 15

  Circle all the numbers that she will say.

- Circle all the numbers that are greater than 7



- Circle all the numbers that are less than 13



- What numbers are the arrows pointing to?

- Label 15, 12 and 9 on the number line.

Label 7, 17 and 19 on the number line.

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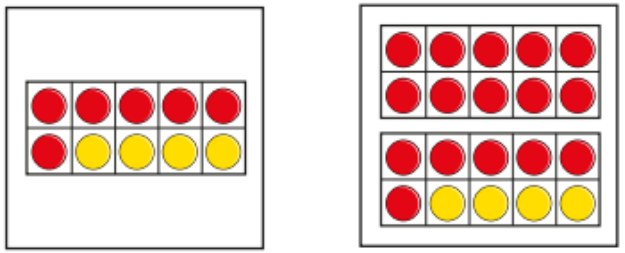
Year 1 Maths Challenge

Maths skill to practise this week: **find and make number bonds to 20.**

- Complete the sentences for each picture.



There are _____ red counters.

There are _____ yellow counters.

There are _____ counters altogether.

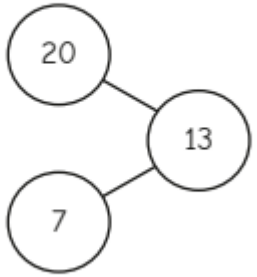
_____ + _____ = _____

- Continue the pattern to find all the number bonds to 20

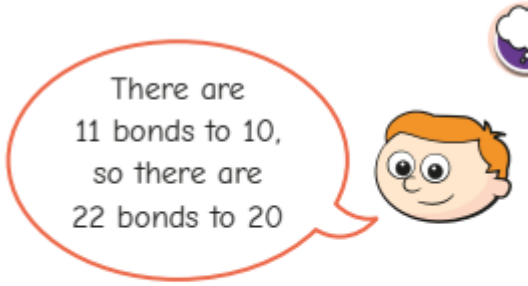
20 = 20 + 0
20 = 19 + 1
20 = 18 + 2
20 = 17 + 3

How do you know that you have found them all?

Kay shows a number bond to 20 in a part-whole model.



What mistake has Kay made?



Do you agree with Ron?

Why?

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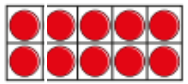
Year 1 Maths Challenge

Maths skill to practise this week: **related facts.**

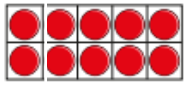
Key learning

- Complete the addition and subtraction sentences for each picture.



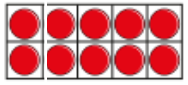
12 + 1 = _____

13 – 1 = _____

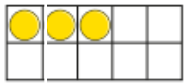


11 + _____ = 13

13 – _____ = _____



_____ + _____ = _____



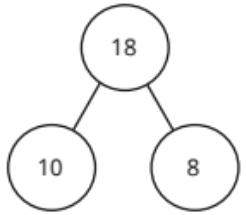
_____ – _____ = _____

What do you notice about the additions and subtractions?

- Write a subtraction fact for each addition fact.

10 + 4 = 14	19 + 1 = 20	0 + 17 = 17

- Complete the fact family for the part-whole model.



_____ + _____ = 18

_____ + _____ = 18

18 – _____ = _____

18 – _____ = _____

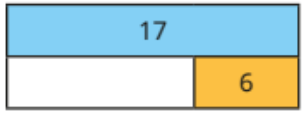
_____ = _____ + _____

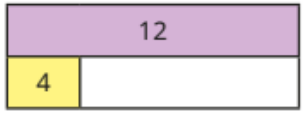
_____ = _____ + _____

_____ = _____ – _____

_____ = _____ – _____

- Complete the bar models.





Write the fact family for each bar model.

Use the numbers 8, 7 and 15 to draw your own bar model.

Write the fact family for your bar model.

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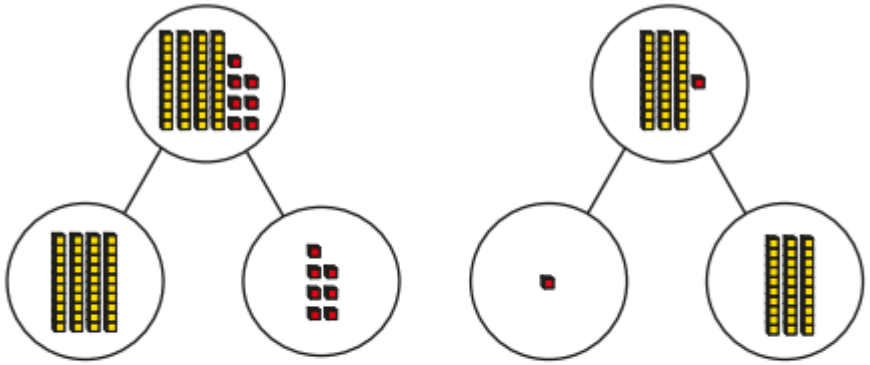
Year 1 Maths Challenge

Maths skill to practise this week: **partition into tens and ones.**

- Complete the sentences to describe each part-whole model.



  - _____ is a part and _____ is a part.

    _____ is the whole.

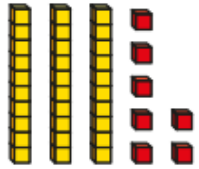
  - There are _____ tens.

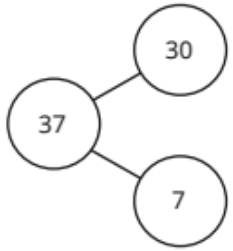
    There are _____ ones.

    The number is _____

What do you notice?

- How does the part-whole model match the base 10?





- Use a part-whole model to partition each number into tens and ones.

41	22	36	17	50