

Our Maths Learning Journey

Key vocabulary:

1 more than

1 less than

Tens

Ones

Compare

Greater than, less than, fewer, equal to

Addition, add

Subtraction, subtract, take away

Fact family

2D shapes – square, triangle, rectangle, circle, flat, pentagon

3D shapes – cube, cuboid, sphere, cone, pyramid, cylinder

patterns, repeating

Comparing the properties of
2D and 3D shapes.

Subtracting tens and ones
Addition-Subtraction fact family
Naming 2D and 3D shapes.

Add by making 10
Subtract ones from a 2-digit number
Subtracting tens and ones.

Comparing numbers of objects
Ordering numbers
Add by making 10

Partitioning (tens and ones)
Number bonds to 20.

Counting
forwards/backwards and 1
more/ 1 less within 20.

1 less than within 20
Partitioning (tens and ones)

Monday 15th December 2025

L.Q. Can I recall addition and subtraction facts?

<https://www.topmarks.co.uk/number-facts/number-fact-families>

Number Fact Families

+ and -
× and ÷

Find the number fact families

8 × 7 = 56

7 × 8 = 56


56 ÷ 8 = 8

56 ÷ 7 = 8

Addition & Subtraction

1 + 2 = 3	3 = 1 + 2
Up to 10	Up to 10
Up to 20	Up to 20
Up to 50	Up to 50
Up to 100	Up to 100
Negative to -10	Negative to -10
Negative to -50	Negative to -50

[Instructions](#)





LQ: Can I name shapes to make patterns?

Steps to success

I can name the 2D and 3D shapes.

I can create a repeating pattern using the shapes.

I can identify the missing shapes within the pattern.

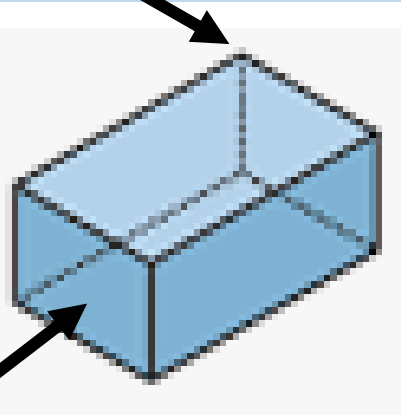


Star words



3D shapes










vertices



faces

edges

3D Shapes

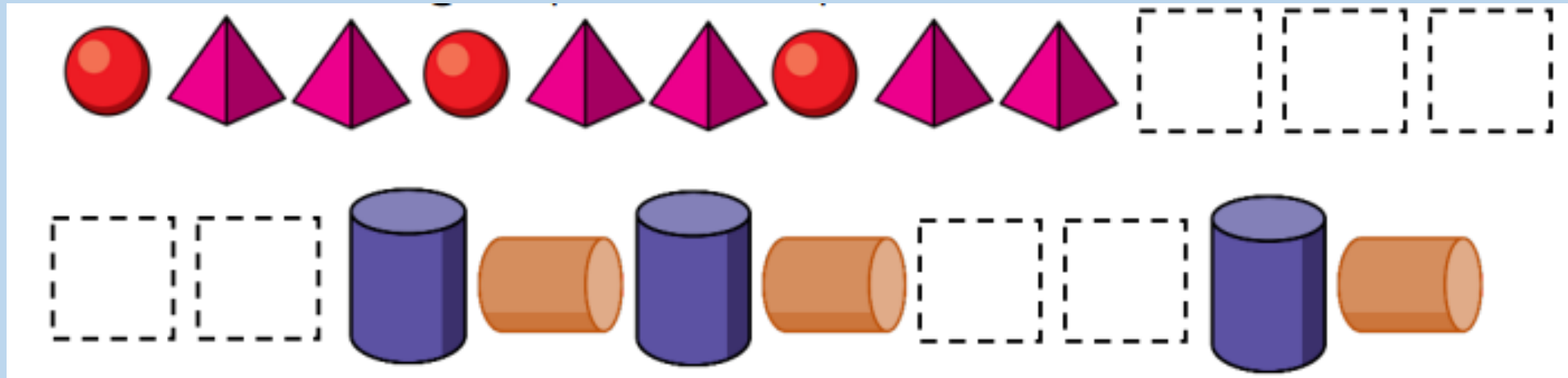
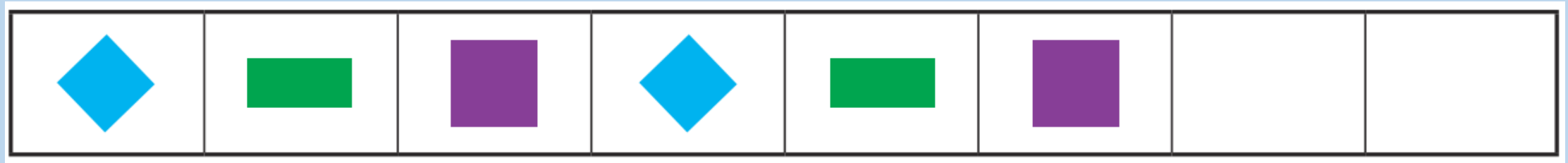
 Cylinder	 Cube	 Pyramid
 Triangular prism	 Cone	 Cuboid
 Hexagonal Prism	 Sphere	 Hemisphere



https://www.youtube.com/watch?v=eEV_z7kXO6c

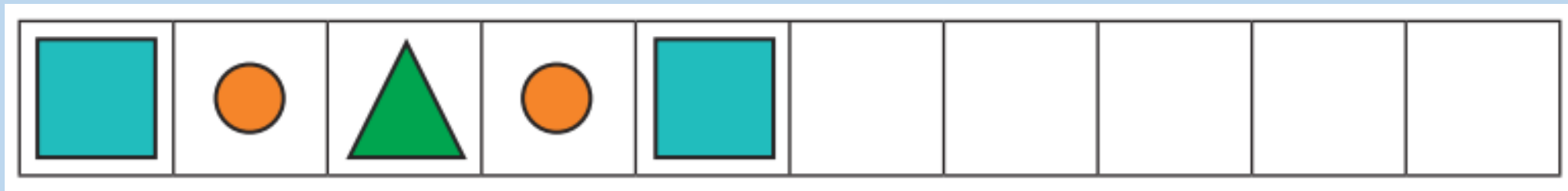


Name the missing shapes in each pattern.



How did you work it out?

Name the missing shapes in each pattern. Be careful as some shapes are big and some are small.



Self assessment

Do you understand how to
continue repeating patterns?

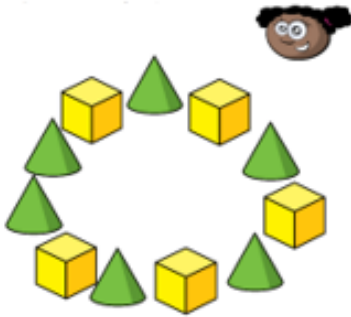


LQ: Can I name shapes to make patterns?

Your task

1.
Continue and describe the patterns.

2.
Whitney is making a pattern in a circle.



Is Whitney's pattern correct?

Sentence starter:

Yes, her pattern is correct because...

No, her pattern is incorrect because...

3.
What is the missing shapes in the pattern? *Draw them in your book.*



What would the 9th shape be?

Today I worked with an adult and continued repeating patterns by identifying the shapes and saying the names in sequence.



1.



Self assessment

Do you understand the tasks?



Tuesday 16th December 2025

L.Q. Can I recall addition and subtraction facts?

<https://www.topmarks.co.uk/number-facts/number-fact-families>

Number Fact Families

+ and -
× and ÷

Find the number fact families

8	×	7	=	56
7	×	8	=	56
56	÷	8	=	8
56	÷	7	=	8

Addition & Subtraction

$1 + 2 = 3$	$3 = 1 + 2$
Up to 10	Up to 10
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Up to 100	Up to 100
Negative to -10	Negative to -10
Negative to -50	Negative to -50

Instructions



LQ: Can I solve one step addition problems?

Steps to success

I can identify the important numbers.

I can explain how I know it's an addition problem.

I can identify the missing shapes within the pattern.

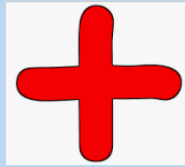




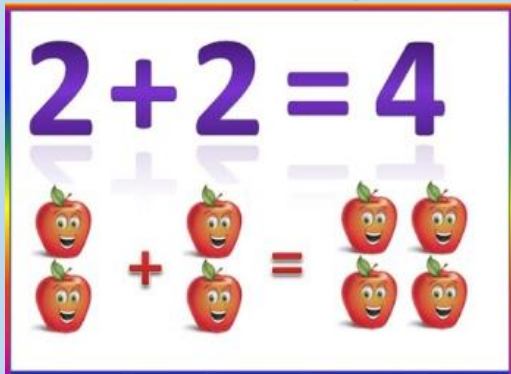
Star words



add / addition

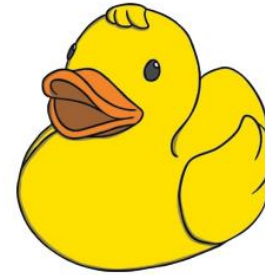


more/altogether



word problems

You have 5 rubber ducks. You are given 6 more.
How many rubber ducks do you have now?



equal to / total



Discover



How many ants are there in total?

TP: There are _____ ants in total.

How many snails are there?

TP: There are _____ snails in total.

Discover



How many ants and snails are there altogether?

TP: What calculation do you need to do?

$$\underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad}$$

Today we are going to learn how to solve addition word problems.

Word problems are number stories. We need to read the problem carefully and highlight the key information.

Example: On Monday Miss Dhaliwal bought 7 marbles. On Tuesday she bought 4 more.



TP: What are the key information in this problem?

How do you know.

On Monday Miss Dhaliwal bought **7** marbles. On Tuesday she bought **4 more**.



The important information are **7**, **4** and **more**.

The word 'more' tells us we need to use the addition calculation.

Self assessment

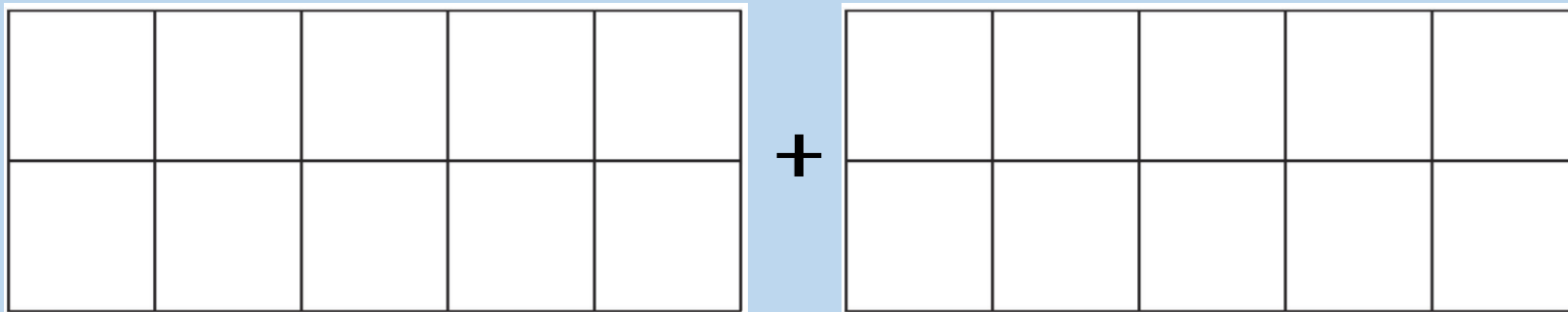
Do you understand how to
find the key information?



Let's look at this problem.

Miss Jannoo ate 9 chocolate pieces at lunchtime. After school she ate 5 more. How many pieces of chocolate did she eat altogether.

TP: What are the key information in this problem?
Let's underline them.

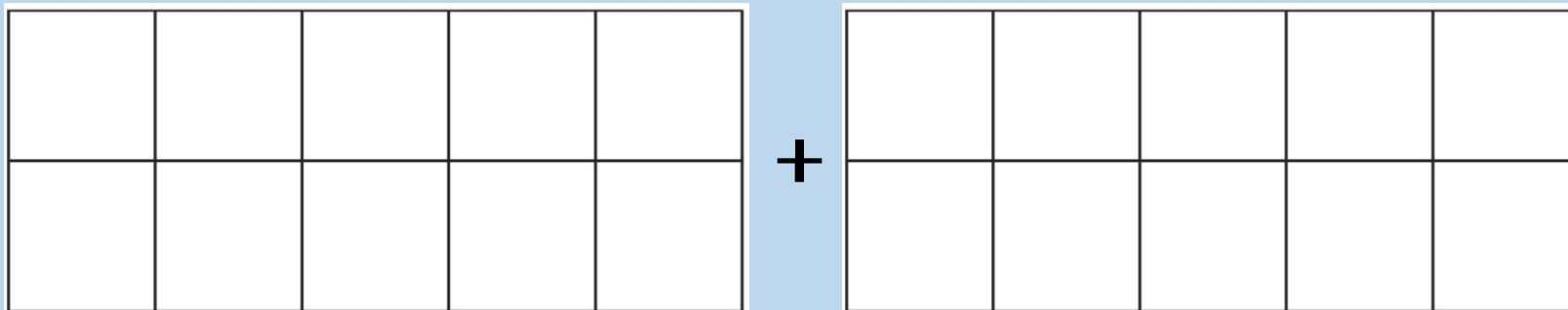


Teacher to model drawing counters in 2 different colours.

Tommy had 16 marbles. He found 3 more.
How many marbles does Tommy have now?



TP: What are the key information in this problem?
How do you know.



Teacher to model drawing counters in 2 different colours on each ten frame.

If you find 12 beads under the sofa and then find another 3 in a box, how many beads would you have altogether?



TP: What are the key information in this problem?
Let's underline them.

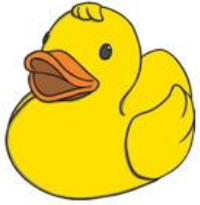
+

Teacher to model drawing counters in 2 different colours on each ten frame.

Your task

Addition and Subtraction to 20 Word Problems

4. You have 5 rubber ducks. You are given 6 more. How many rubber ducks do you have now?



$$\underline{\quad\quad} + \underline{\quad\quad} =$$

Addition and Subtraction to 20 Word Problems

14. George has 9 seashells in his bucket. He collects 10 more on the beach. How many seashells does George have in total?



$$\underline{\quad\quad} + \underline{\quad\quad} =$$

Addition and Subtraction to 20 Word Problems

9. If you have 10 pennies in your piggy bank and you are given another 10 pennies, how many pennies would you have altogether?



$$\underline{\quad\quad} + \underline{\quad\quad} =$$

Addition and Subtraction to 20 Word Problems

8. There were 14 birds on a branch. 4 more birds joined them. How many birds are there now?



$$\underline{\quad\quad} + \underline{\quad\quad} =$$

We are going to work together to solve the word problems. We will read each addition word problem and identify the key information to help us solve the problems and then record the number sentences to match.

Self assessment

Do you understand the tasks?



Give each child a word problem sheet.

Wednesday 17th December 2025



LQ: Can I solve one step addition problem?

Steps to success

I can identify the important numbers.

I can explain how I know it's an addition problem.

I can identify the missing shapes within the pattern.

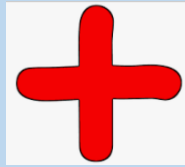




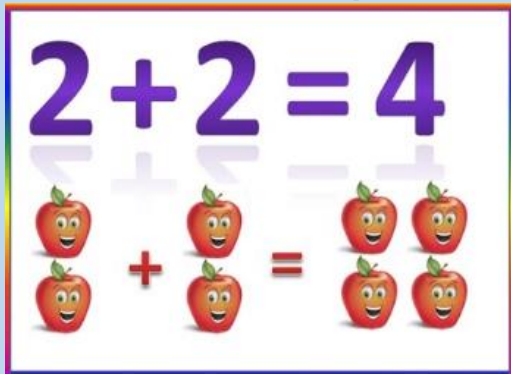
Star words



add / addition

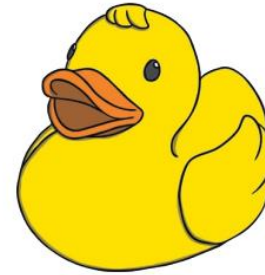


more/altogether



word problems

You have 5 rubber ducks. You are given 6 more.
How many rubber ducks do you have now?



equal to / total



Miss Aspland bakes 13 gingerbread biscuits. Mr Jannoo bakes 8. How many did they bake altogether?



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} =$$

TP: They baked _____ altogether.

If I had 5 green baubles and 3 red baubles, how many would I have altogether?



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} =$$

TP: There will be altogether.

Rudolph ate 9 carrots in the morning and another 8 in the afternoon. How many carrots did Rudolph eat altogether?



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} =$$

TP: He ate carrots altogether.

+

I put 12 baubles on the tree and my friend adds 6 more baubles on the tree. How many baubles are there on the tree?



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} =$$

TP: There is altogether.

+

In the morning there was 11 snowflakes in the sky. By lunchtime, there was 8 more. How many snowflakes are there in the sky?



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} =$$

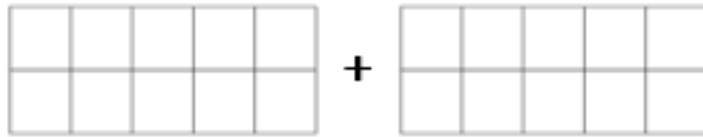
TP: There is snowflakes altogether.

+

Your task

Read the word problems and underline the key information. Draw counters on each ten frame using two different colours to help you complete the word problems.

Santa Claus brings me 11 presents wrapped in blue paper and 6 in red paper. How many presents did Santa bring me altogether?



$$\underline{\quad} + \underline{\quad} =$$

Self assessment

Do you understand the tasks?

