

Monday 20th April 2026

20.04.26

Mental Maths

Describe the properties of the 2D shapes.



circle



triangle



square



rhombus



octagon



LQ: Can I recognise and show equivalent fractions?

Steps to Success:

I know what equivalent means.

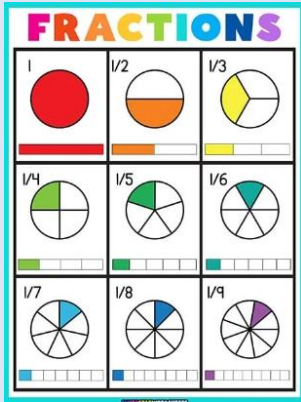
I know that fractions with different numbers can share the same value.

I can recognise equivalent fractions using diagrams.

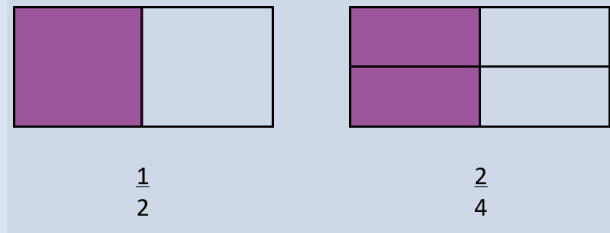


★ Star Words ★

fractions



equivalent



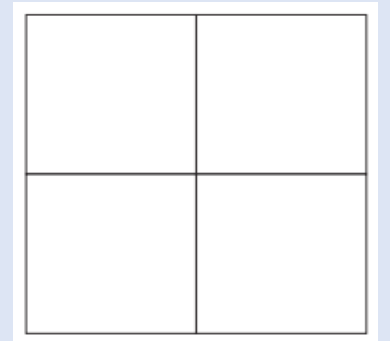
half



thirds



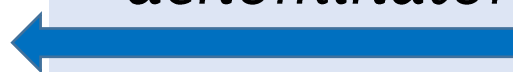
quarters



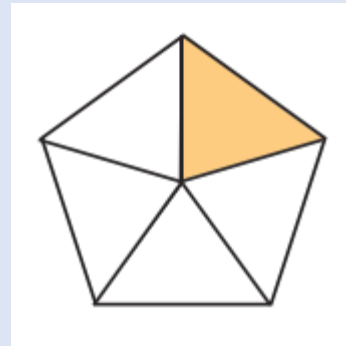
numerator

$$\frac{1}{3}$$

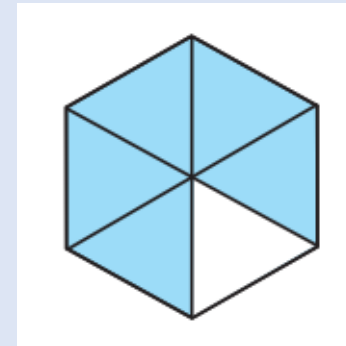
denominator



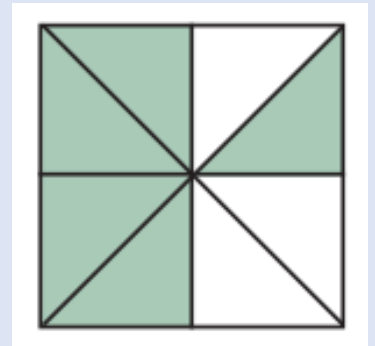
fifths



sixth



eighths



Recap

Fraction is a whole amount or shape that is divided into equal parts.

Let's go through the symbols for these fraction.

Numerator – The number on top is a numerator. It tells us how many equal parts we have from a whole.

$$\frac{1}{2}$$

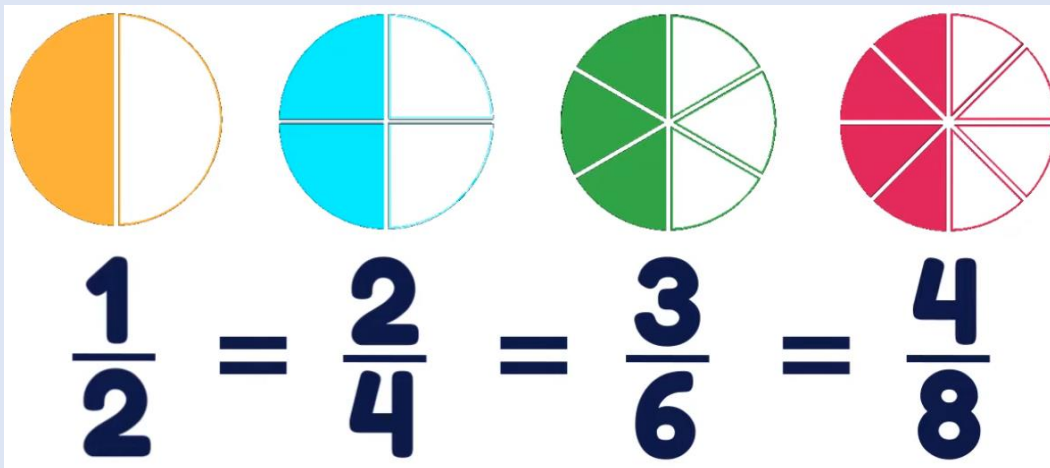
$$\frac{2}{4}$$

$$\frac{1}{4}$$

$$\frac{3}{4}$$

Denominator – The number at the bottom is the denominator. It tells us the total parts in a whole.

Today you are going to find equivalent fractions. Equivalent fraction is different fractions that represent the same amount.



<https://www.youtube.com/watch?v=brZOPhcQe2Y>

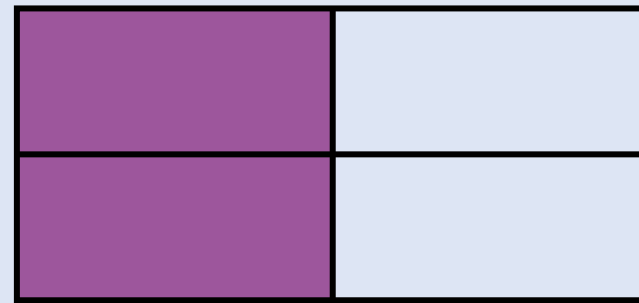
1									
$\frac{1}{2}$					$\frac{1}{2}$				
$\frac{1}{3}$			$\frac{1}{3}$			$\frac{1}{3}$			
$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$			$\frac{1}{4}$		
$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$	
$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$	
$\frac{1}{7}$		$\frac{1}{7}$		$\frac{1}{7}$		$\frac{1}{7}$		$\frac{1}{7}$	
$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$	
$\frac{1}{9}$		$\frac{1}{9}$		$\frac{1}{9}$		$\frac{1}{9}$		$\frac{1}{9}$	
$\frac{1}{10}$		$\frac{1}{10}$		$\frac{1}{10}$		$\frac{1}{10}$		$\frac{1}{10}$	

Some fractions that are written with different numbers have the same value.

In other words, a fraction can be written in many different ways, but have the same value.



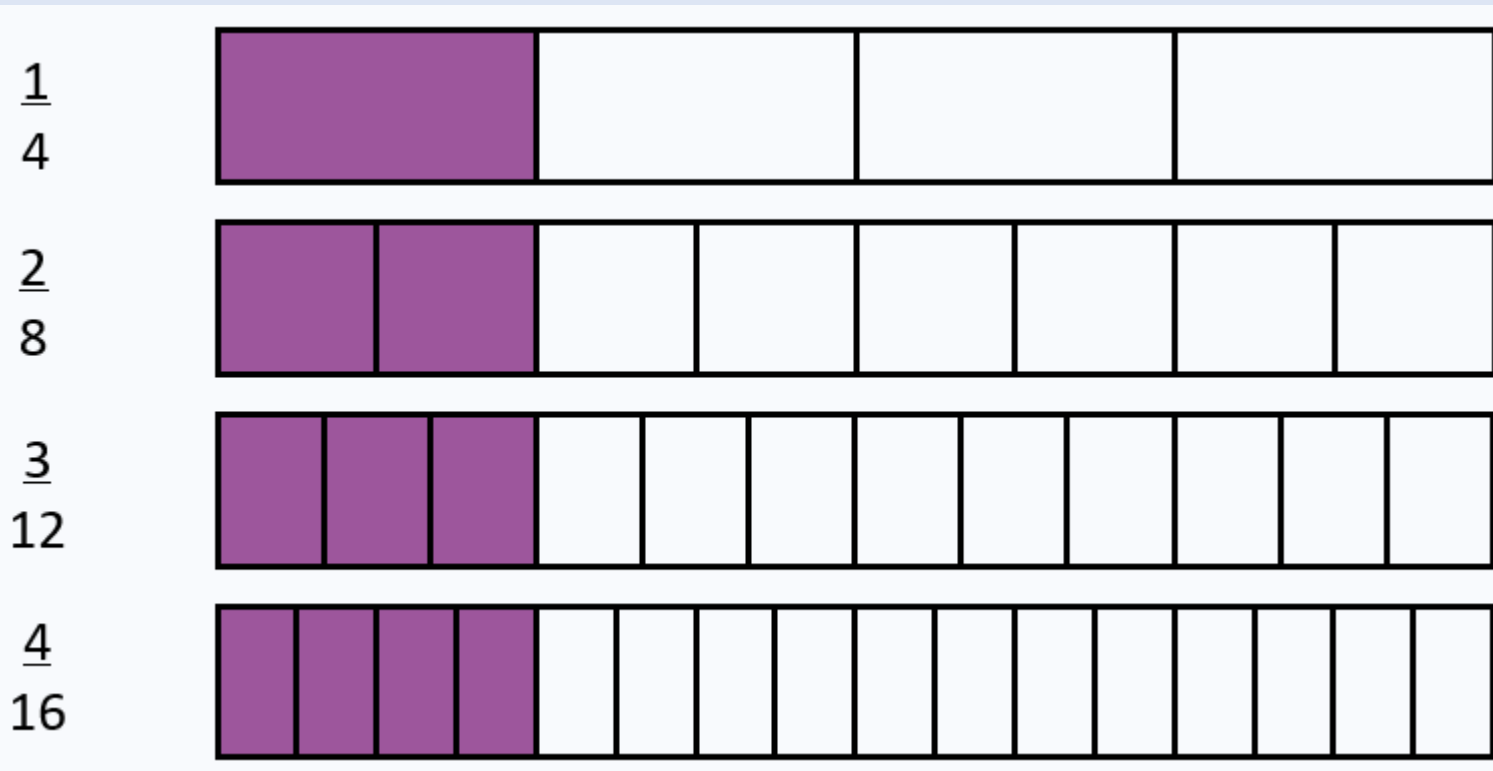
$$\frac{1}{2}$$



$$\frac{2}{4}$$

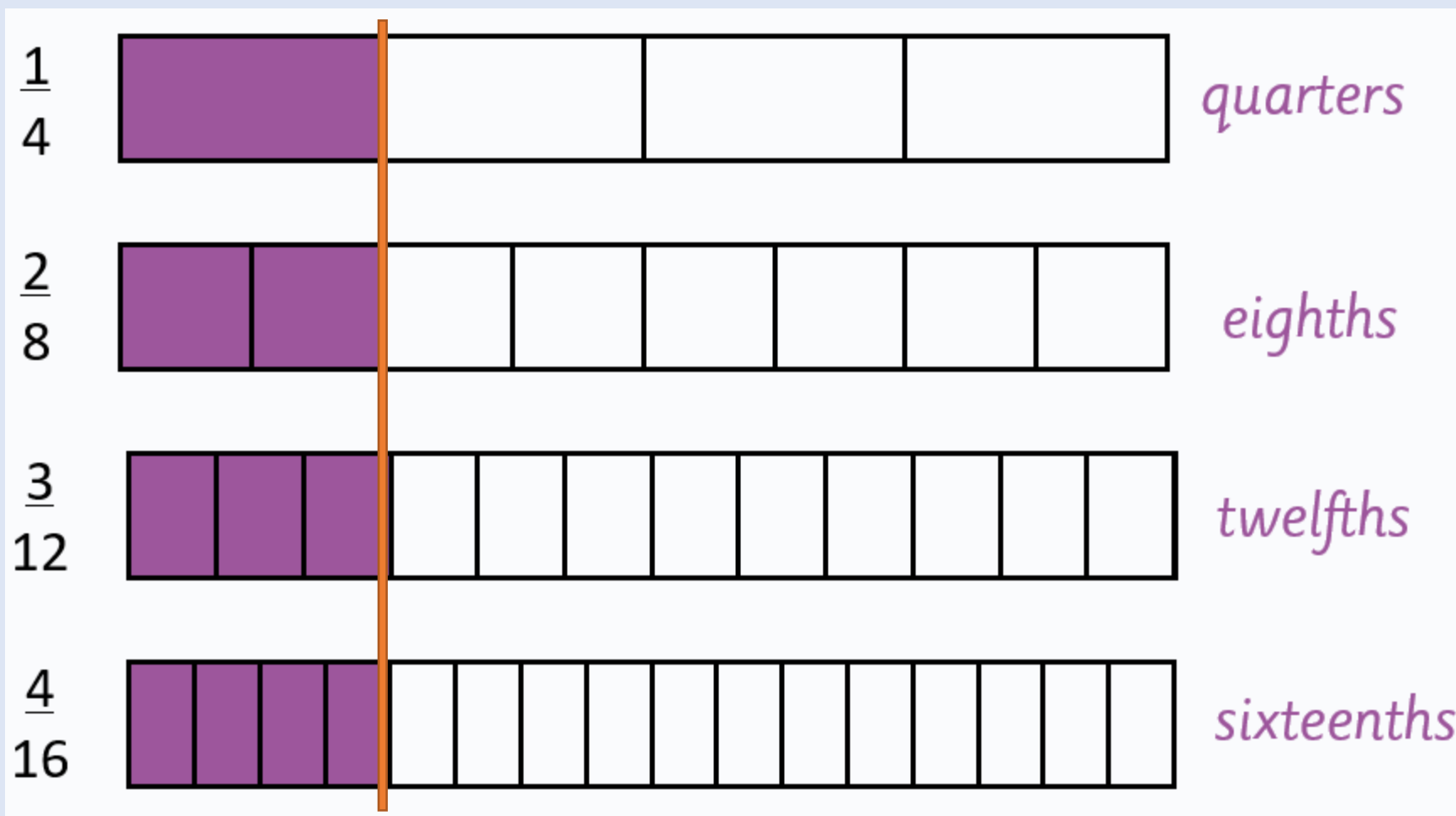
These are all equivalent fractions, even though they all have different numerators and denominators.

They show that the same amount of the bar has been shaded overall.



Equivalent Fractions

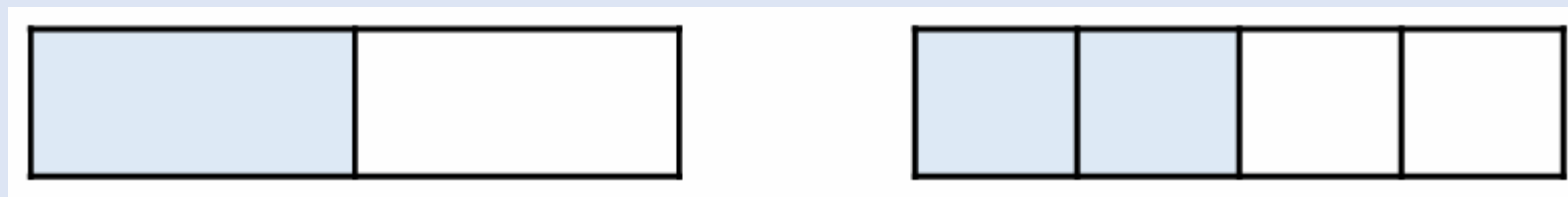
These fractions are all equivalent as they have the same value.



TPs: What does equivalent mean?

Equivalent means the same amount.


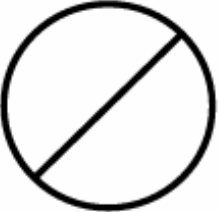
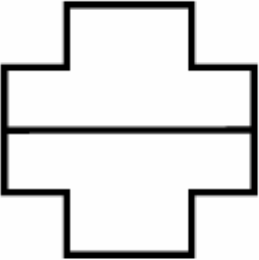
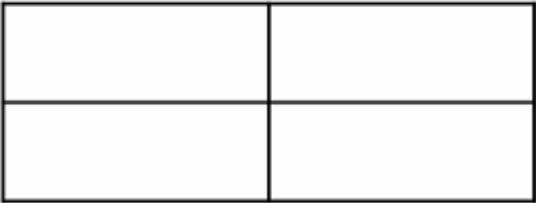

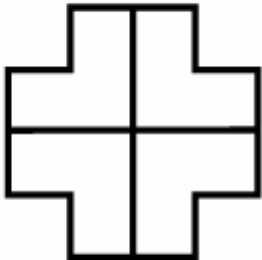
I am going to use two identical strips of paper and explore what happens when I fold the strips into two equal pieces and four equal pieces.



TPs: What do you notice?

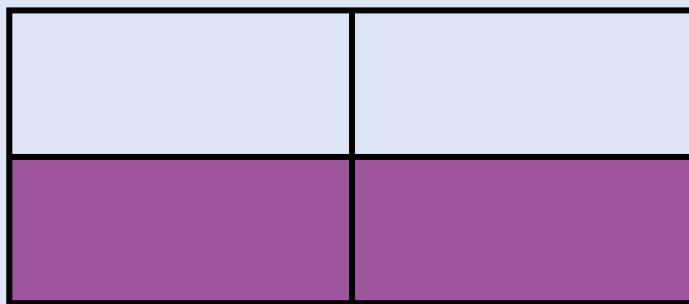
Let's find out more about equivalent fractions.

Shade one half and two quarters for each shape.

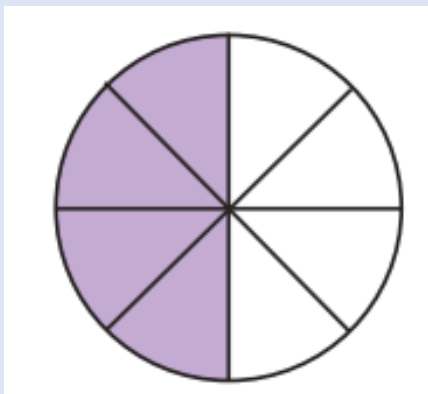
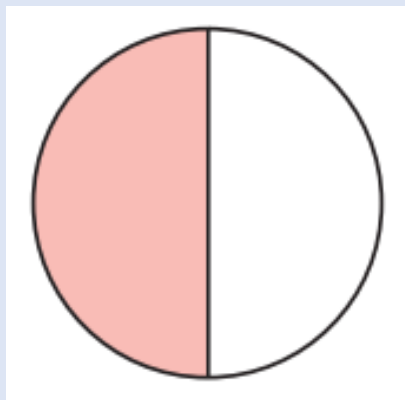
$\frac{1}{2}$	$\frac{2}{4}$
  	  

Equivalent fractions

Match the rectangles with the equivalent amount shaded and write the fraction for each rectangle.



Alice says she has found equivalent fractions.



TPs: Is she correct?

Yes, she is correct because...

No, I she is incorrect because...

Yes, Alice is correct because both circles show the equal amount shaded.

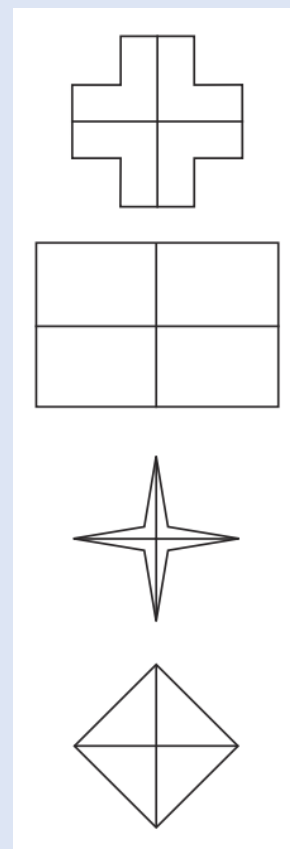
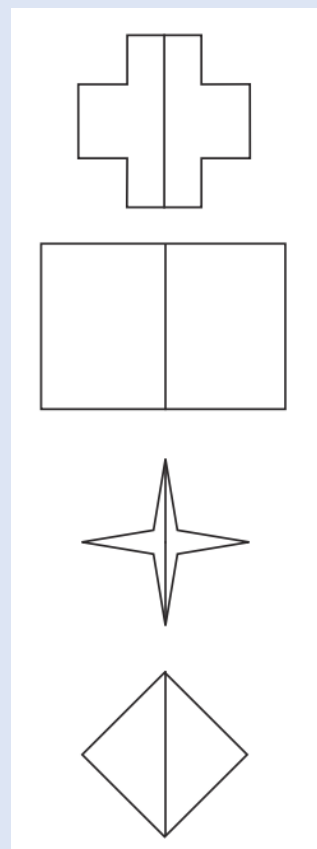
Task

Shade in the equivalent fractions for one half and two quarters.

Write the fraction for each shaded shape.

$$\frac{1}{2}$$

$$\frac{1}{4}$$



Self assessment

Do you understand the task?



Tuesday 21st April 2026

21.04.26

Mental Maths

How many lines of symmetry does a square have?





LQ: Can I recognise and show equivalent fractions?

Steps to Success:

I know what equivalent means.

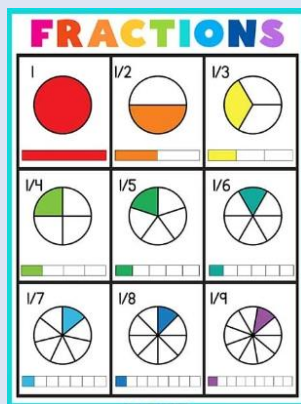
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I can recognise equivalent fractions using diagrams.

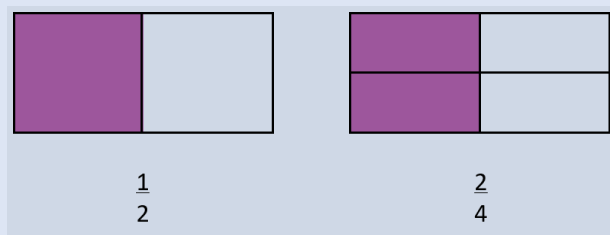


★ Star Words ★

fractions



equivalent



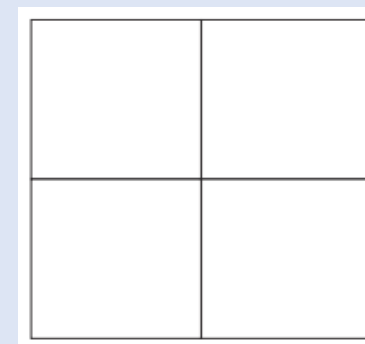
half



thirds



quarters

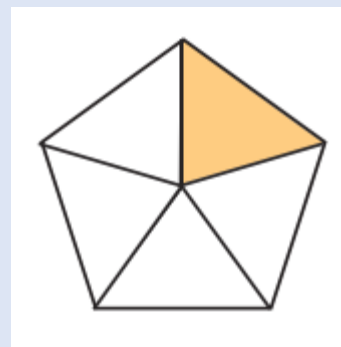


numerator

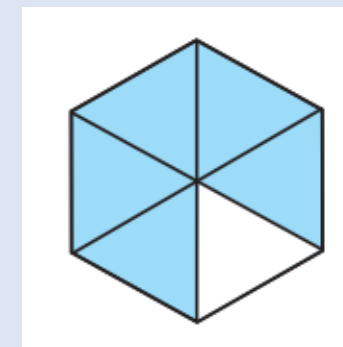
$$\frac{1}{3}$$

denominator

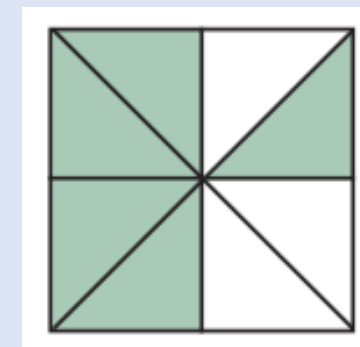
fifths



sixth

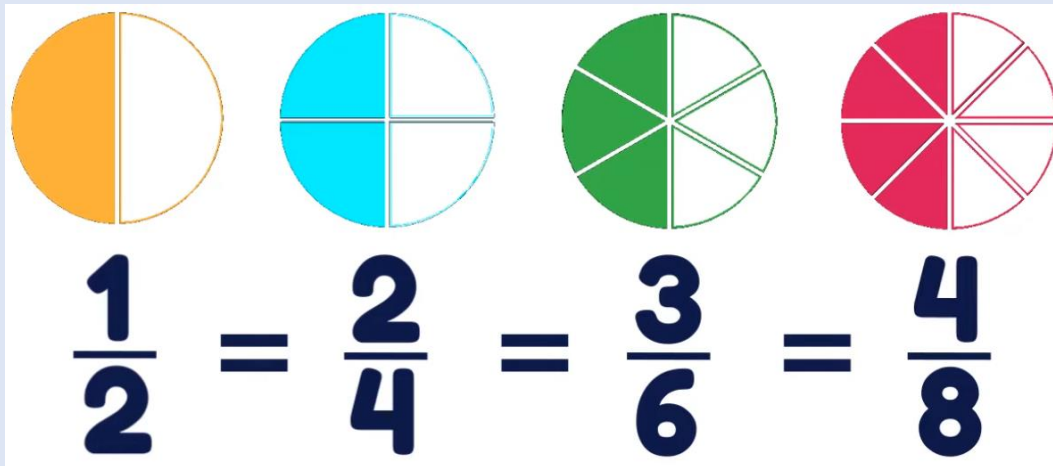


eighths



Today you are going to continue to find equivalent fractions.

Equivalent fraction is different fractions that represent the same amount.



<https://www.youtube.com/watch?v=brZOPhcQe2Y>

1									
$\frac{1}{2}$					$\frac{1}{2}$				
$\frac{1}{3}$			$\frac{1}{3}$			$\frac{1}{3}$			
$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$			$\frac{1}{4}$		
$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$	
$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$	
$\frac{1}{7}$		$\frac{1}{7}$		$\frac{1}{7}$		$\frac{1}{7}$		$\frac{1}{7}$	
$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$	
$\frac{1}{9}$		$\frac{1}{9}$		$\frac{1}{9}$		$\frac{1}{9}$		$\frac{1}{9}$	
$\frac{1}{10}$		$\frac{1}{10}$		$\frac{1}{10}$		$\frac{1}{10}$		$\frac{1}{10}$	

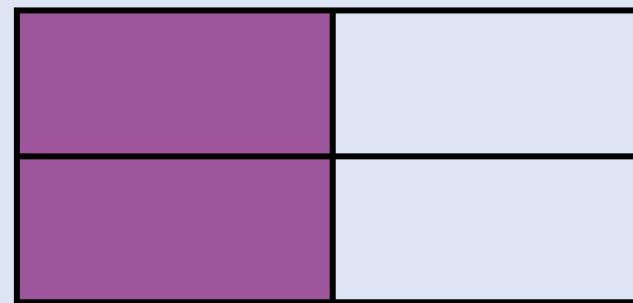
Recap

Some fractions that are written with different numbers have the same value.

In other words, a fraction can be written in many different ways, but have the same value.



$$\frac{1}{2}$$

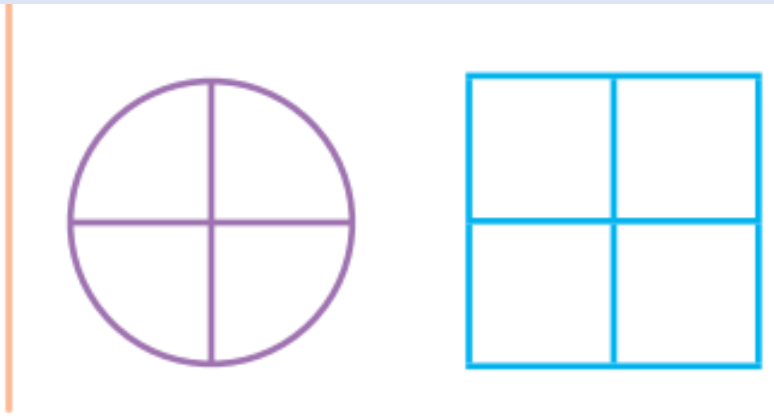


$$\frac{2}{4}$$

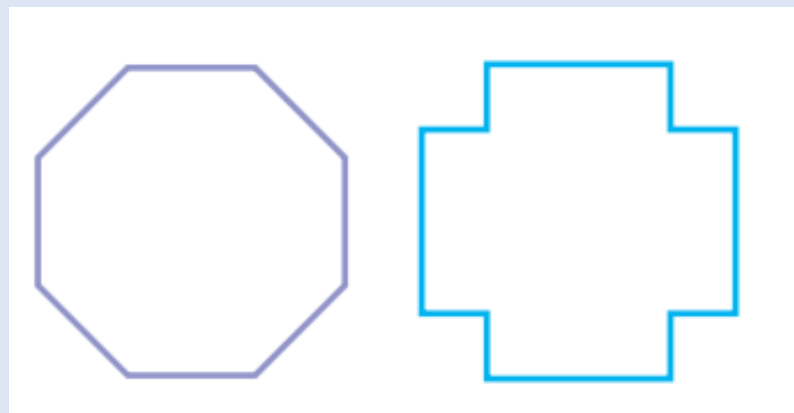
Shade half



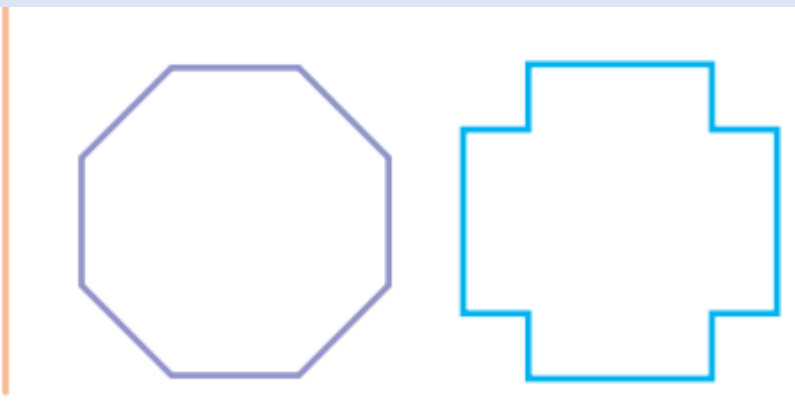
Shade two quarters



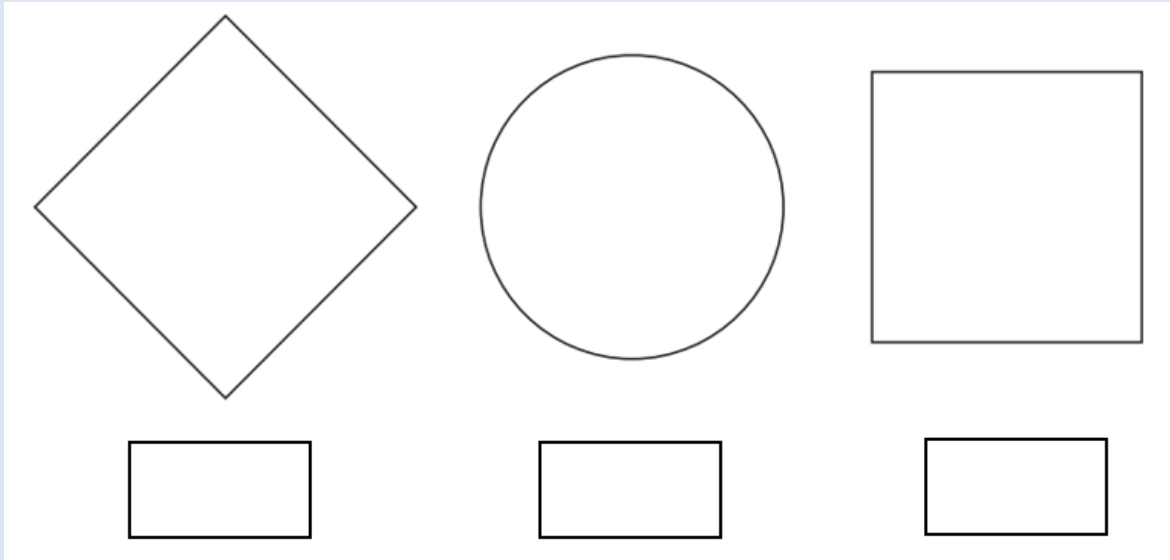
Shade half



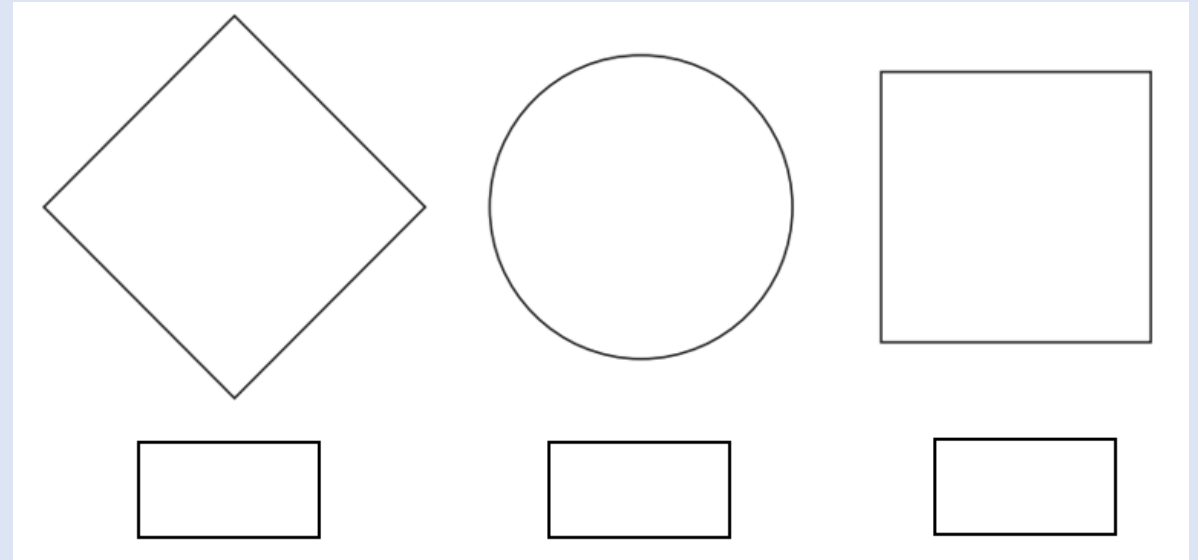
Shade two quarters



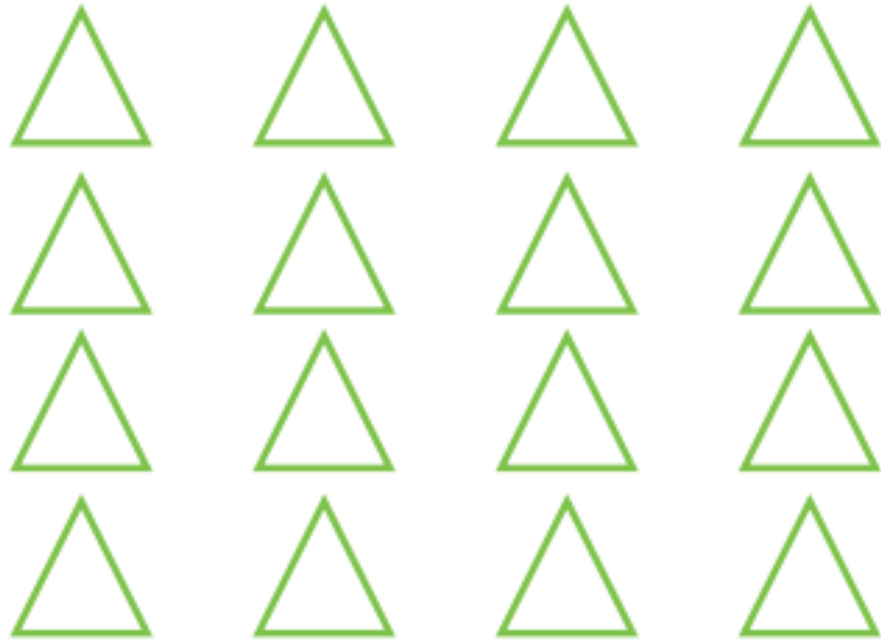
Shade half



Shade two quarters

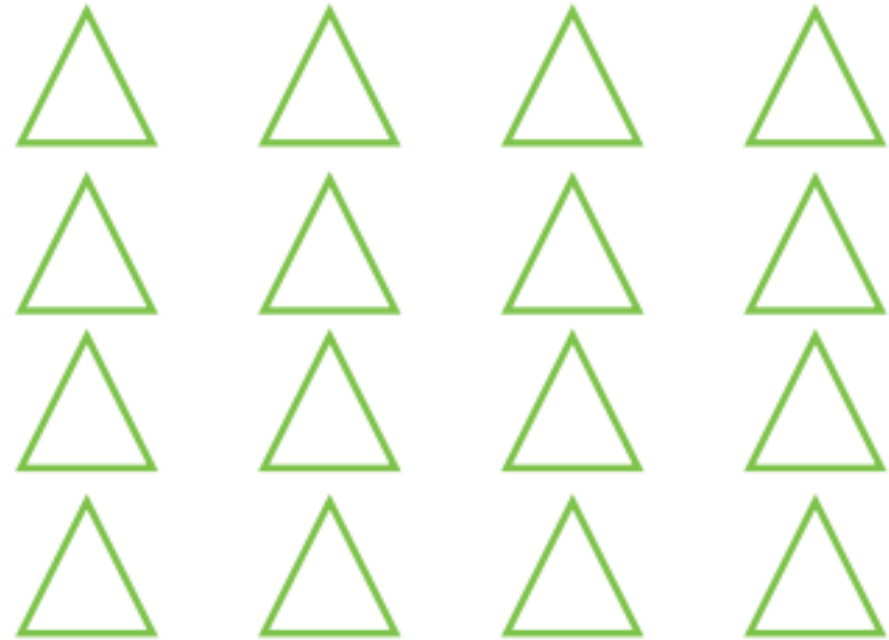


Group and shade half



$$\frac{1}{2} \text{ of } 16 = \square$$

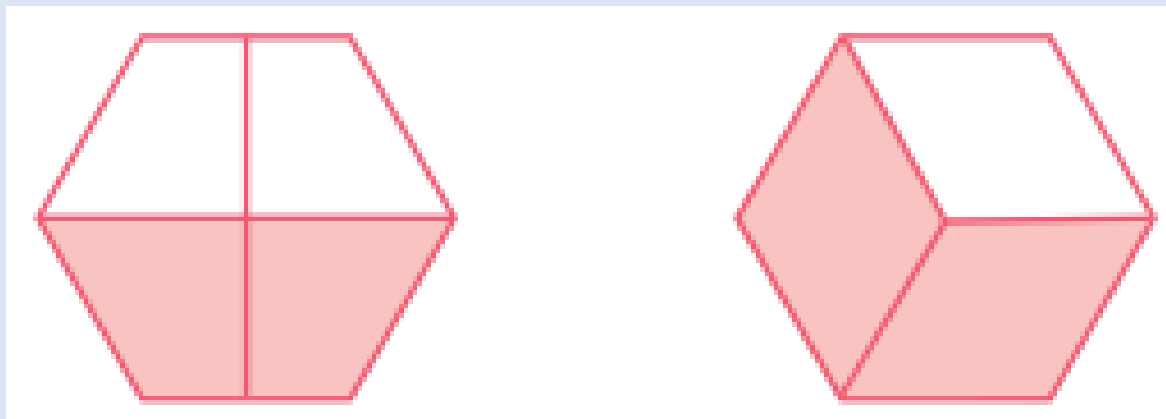
Group and shade two quarters.



$$\frac{2}{4} \text{ of } 16 = \square$$

Complete the fraction statements.

Alex says the shapes represent equivalent fractions because two parts are shaded.



Yes, she is correct because...
No, she is incorrect because...

TPs: Is she correct?

Explain your answer.

No, she is incorrect because the hexagon is split into quarters and the cube is slit into thirds.

21.04.26

LQ: Can I recognise and show equivalent fractions?

Tasks

Today I drew a line to split the shapes into half and quarters. Then I shaded $\frac{1}{2}$ and $\frac{2}{4}$ to represent equivalent fraction.

Draw a line on the shapes to show $\frac{1}{2}$. Shade in half.



Draw a line on the shapes to show $\frac{2}{4}$. Shade in half.



Self assessment

Do you understand the tasks?



1. Draw a line on the shapes to show half.

Split the second set of shapes and shade in the equivalent fractions.



Now write the fractions.

2. Ron wants to colour $\frac{1}{2}$ of the shape.

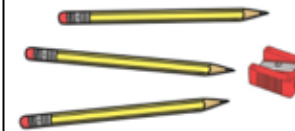


I cannot colour half because the shape has not been split into two parts.



Explain why Ron can colour $\frac{1}{2}$. Colour half of the shape.

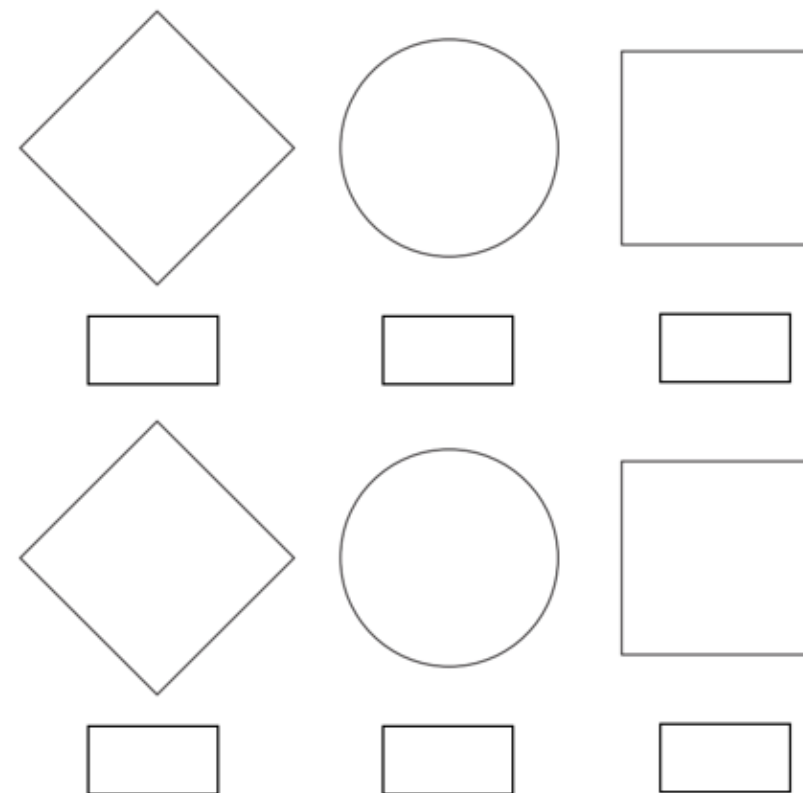
3. In a box 24 pencils, half were sharp.



How many were not sharp?

Represent the pencils using fraction.

1.



Wednesday 22nd April 2026

22.04.26

Mental Maths

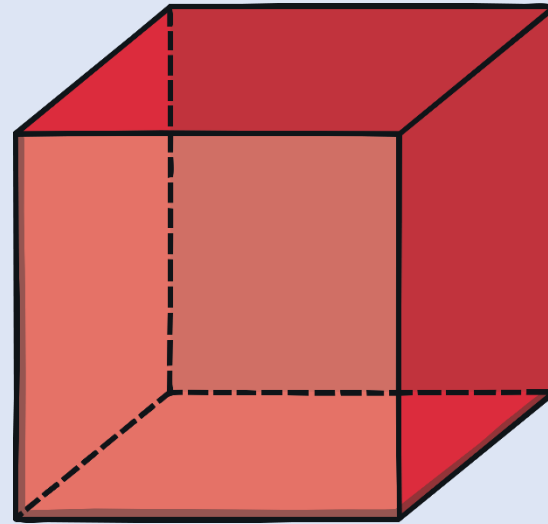
Describe the properties of a cube.

Cube

_____ faces.

_____ vertices.

_____ edges.





LQ: Can I describe position and direction?

Steps to Success:

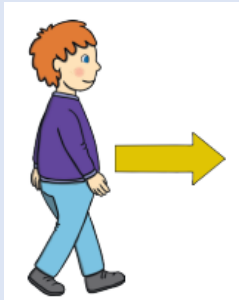
I understand position and direction.

I can describe position and direction using the mathematical language.

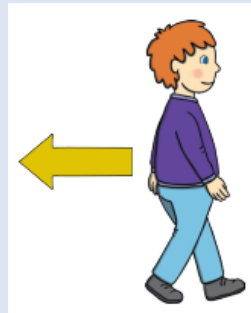


★ Star Words ★

forwards

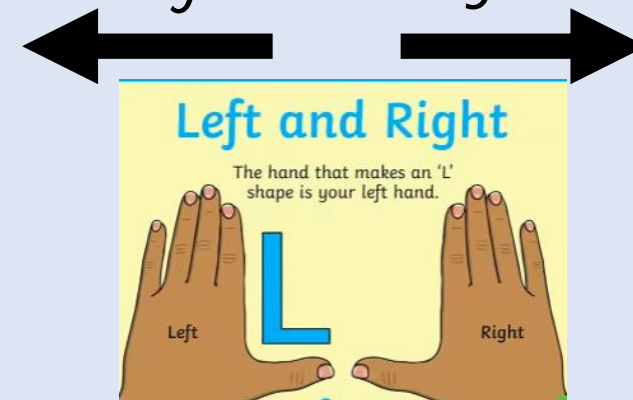


backwards



left

right



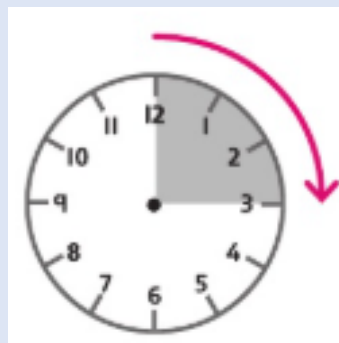
up



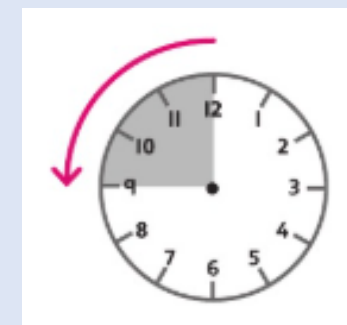
down



turn clockwise



turn anticlockwise



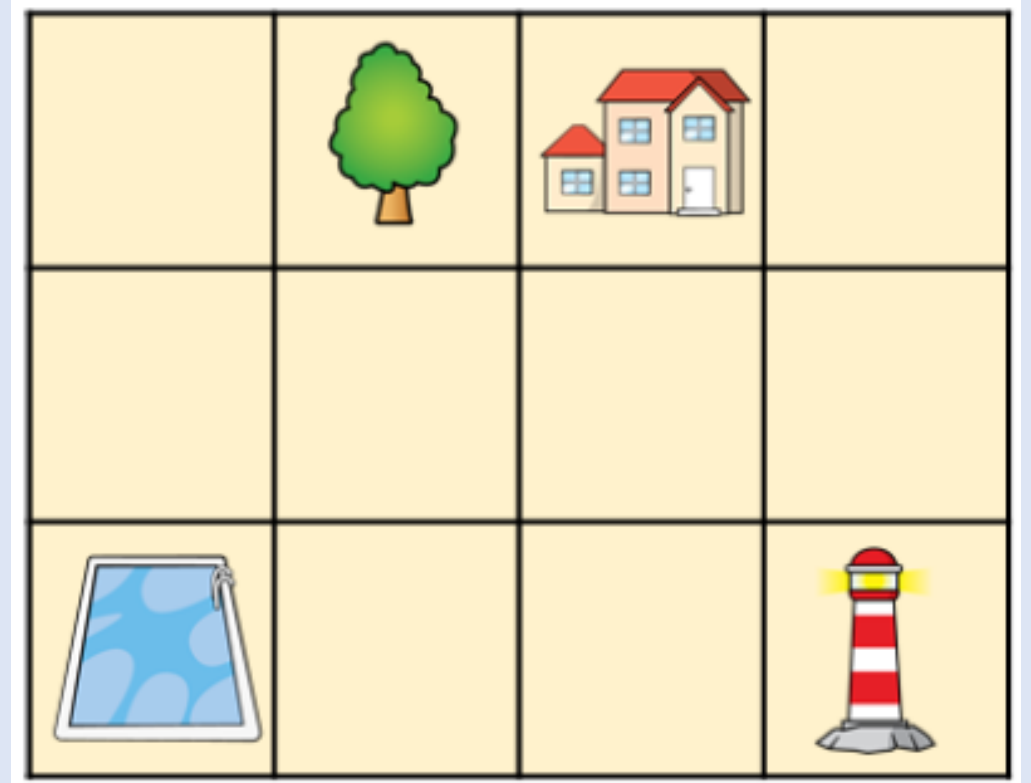
22.04.26

LQ: Can I describe position and direction?

Today you going to describe position and direction.

What are the different directions we can move in?

We can move **forwards, backwards, left, right, up and down.**



22.04.26

LQ: Can I describe position and direction?

Let's practise some position and directions.
Imagine we are at the pool.

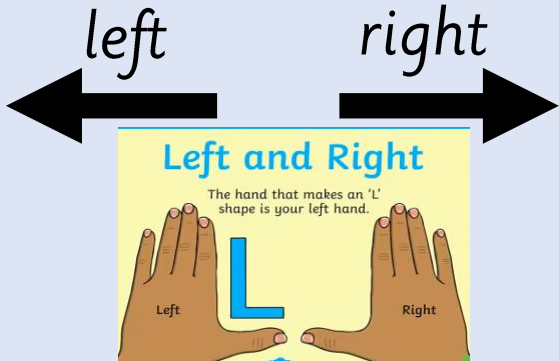
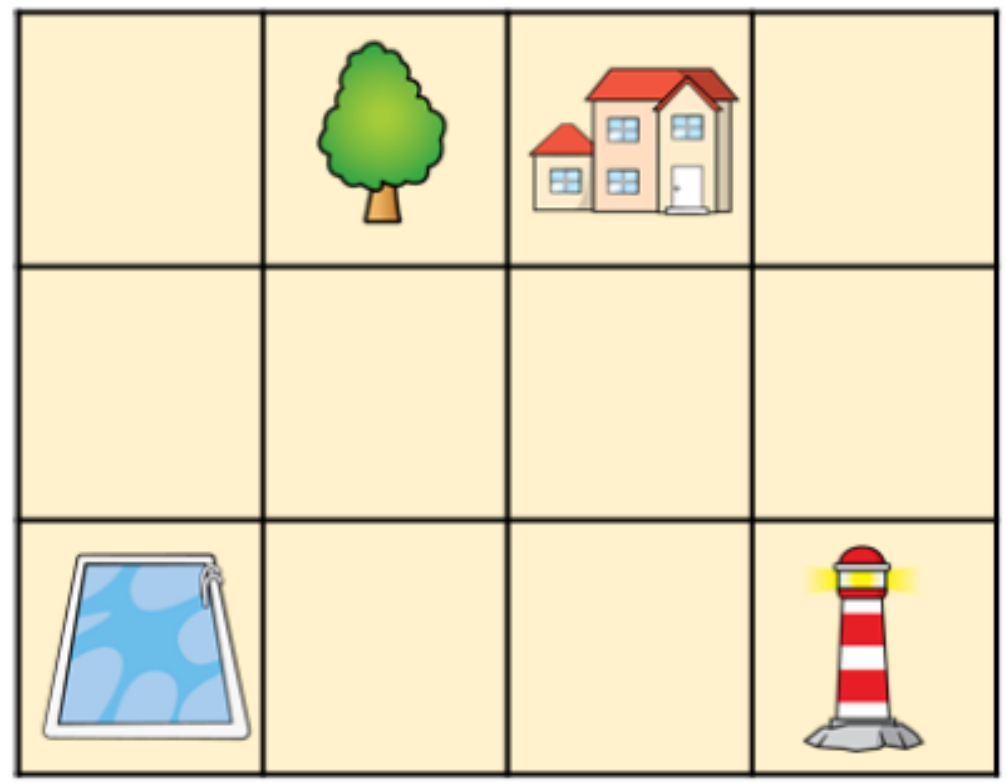
TPs: How would I get to the house?

How would I get to the tree?

How could we record the movement?

How would I get from the house

to the lighthouse?

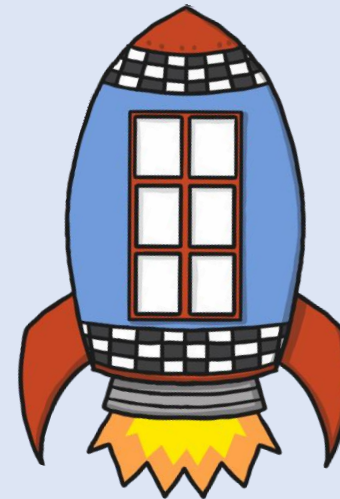


22.04.26

LQ: Can I describe position and direction?

TPs: What position is the frog?

The frog is to the _____ of the rocket.



left

right



Left and Right

The hand that makes an 'L' shape is your left hand.

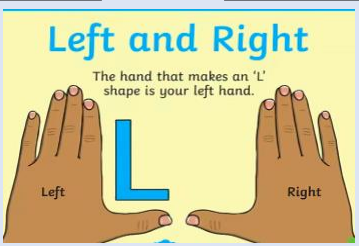
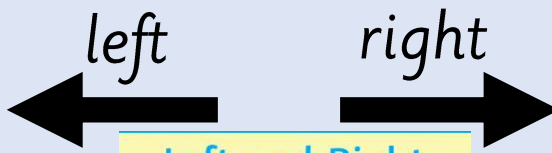
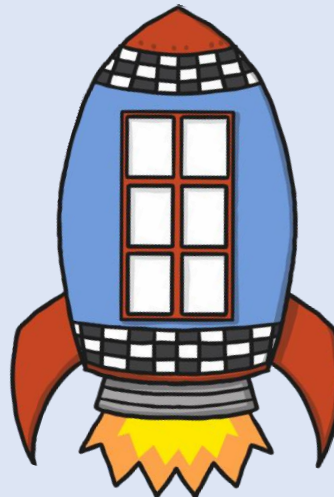


22.04.26

LQ: Can I describe position and direction?

TPs: What position is the rocket?

The rocket is to the _____ of the teddy.



22.04.26

LQ: Can I describe position and direction?

What direction does the swing move?

Does it turn?

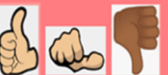


The swing moves ...

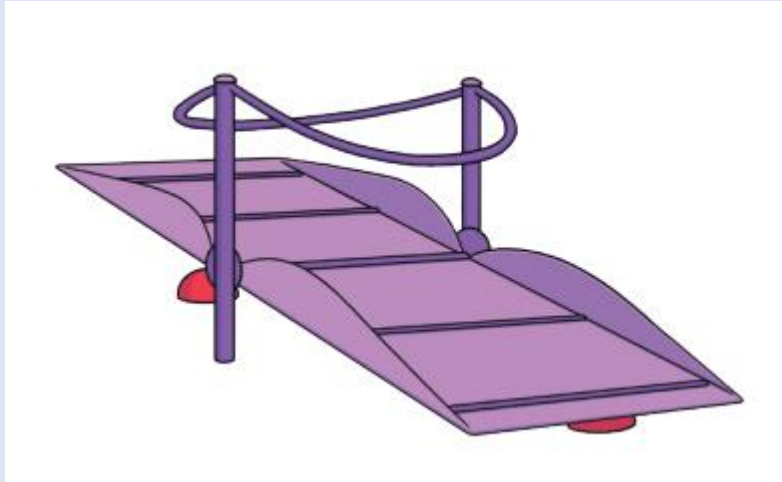
*The swing moves forwards
and backwards.*

Self assessment

*Do you understand position
and direction?*



What direction does the see saw move?



The see saw moves...

The see saw moves up and down.

What direction does the pendulum move?




The pendulum moves...

The pendulum moves left and right.

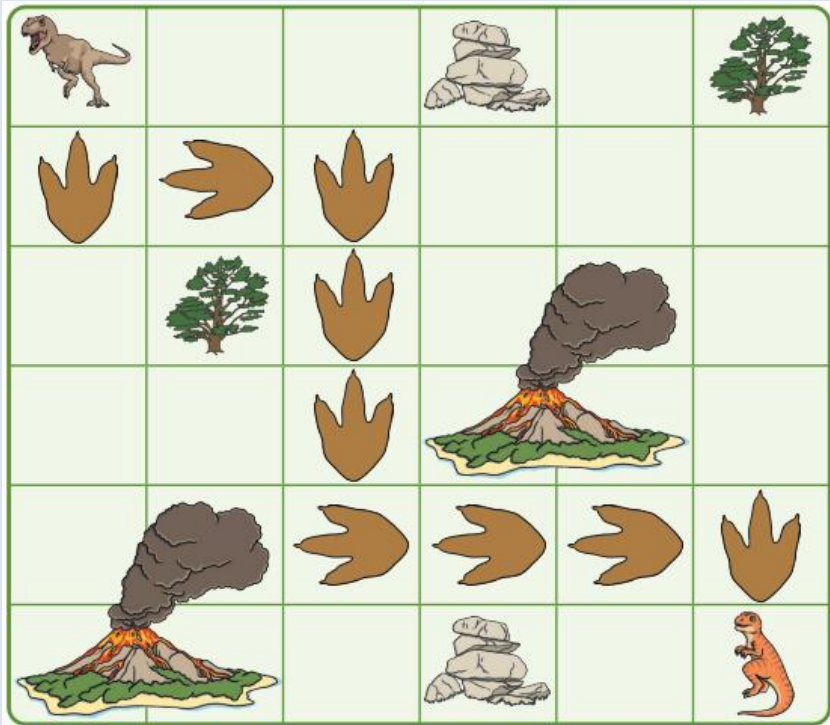
Task

Self assessment
Do you understand the task?

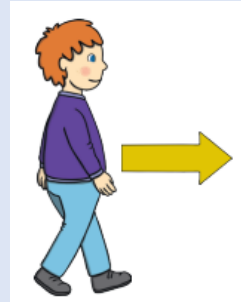


Oh no, the baby dinosaur is lost! Luckily, the mummy dinosaur has left some footprints for her to follow.

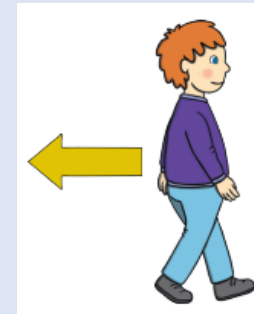
Place a counting person on the baby dinosaur. This is your starting place. Follow the footprints to help the baby dinosaur find her mummy again. Only move the counter one square at a time.



forwards



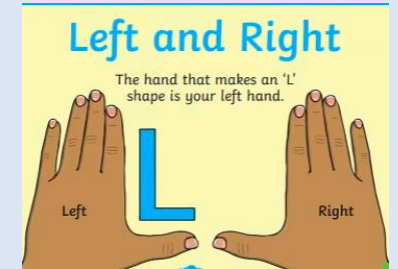
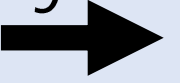
backwards



left



right



turn

down



up



Thursday 23rd April 2026

23.04.26

Mental Maths

Days of the week

Write the days of the week of the in order.



LQ: Can I describe position and direction?

Steps to Success:

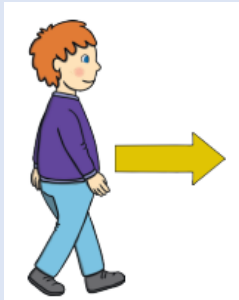
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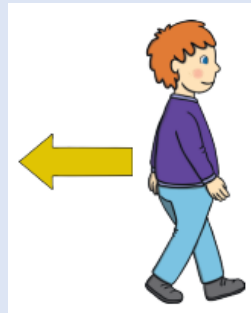


★ Star Words ★

forwards

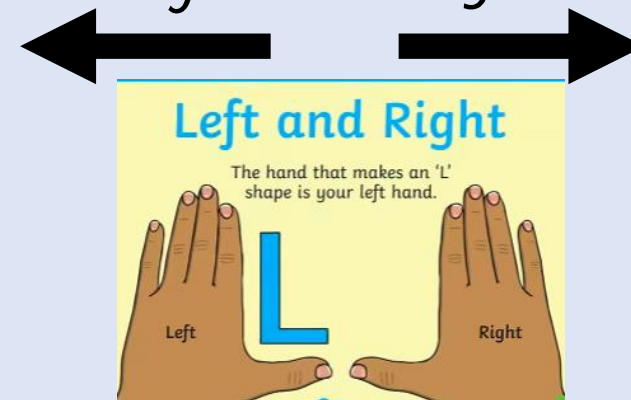


backwards



left

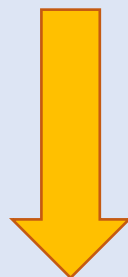
right



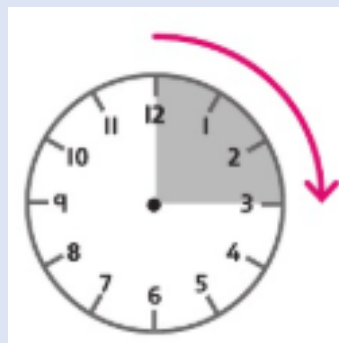
up



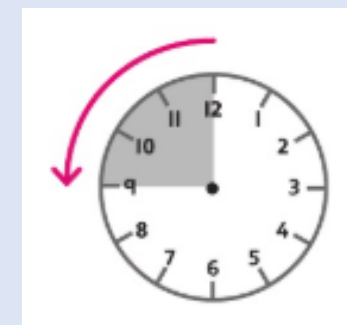
down



turn clockwise



turn anticlockwise



23.04.26

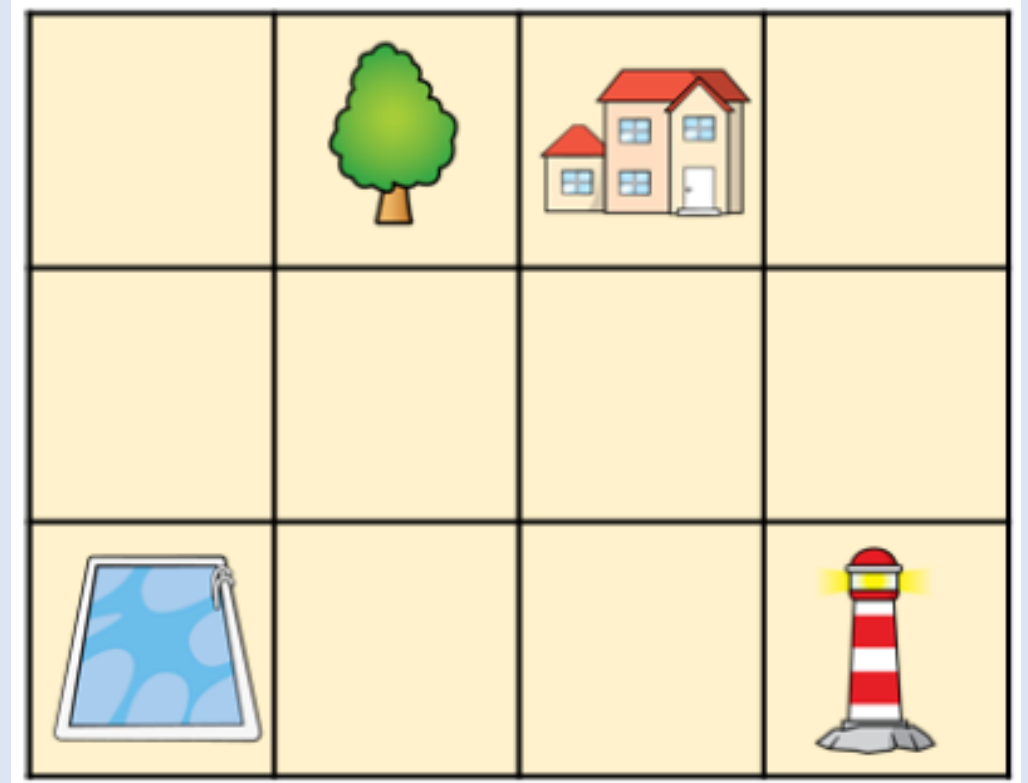
LQ: Can I describe position and direction?

Recap

Today you going to continue to describe position and direction.

What are the different directions we can move in?

We can move **forwards, backwards, left, right, up and down.**



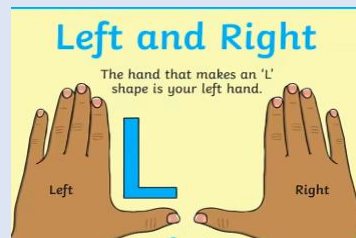
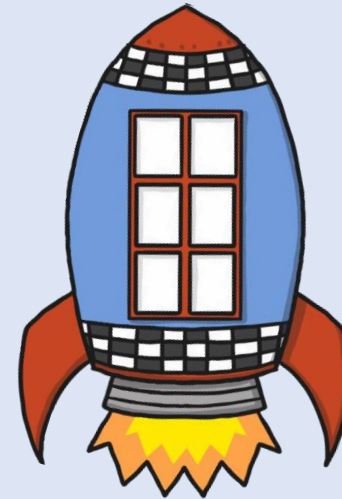
23.04.26

LQ: Can I describe position and direction?

Recap

TPs: What position is the rocket?

The rocket is to the _____ of the frog.



23.04.26

LQ: Can I describe position and direction?

What direction does the trolley move?

Does it turn?



The trolley moves ...

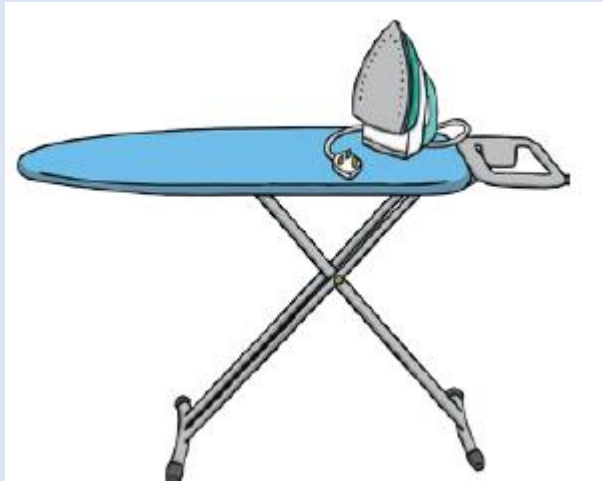
The trolley moves forwards and backwards when pushed or pulled.

You can also turn the trolley because the wheels rotate (turn).

23.04.26

LQ: Can I describe position and direction?

*What direction does the
iron move?*



The iron moves ...

The iron moves left and right.

*What direction does the
blind move?*

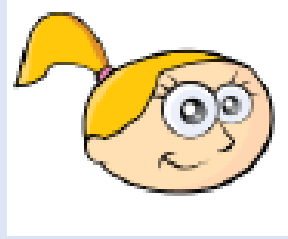


The blind moves ...

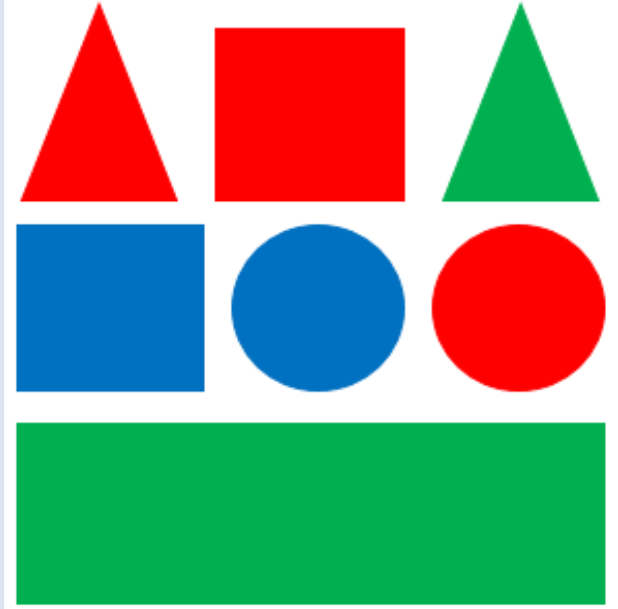
The blind moves up and down.

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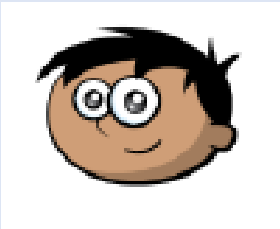
LQ: Can I describe position and direction?



The blue circle is to the right.



The blue circle is to the left.



TPs: Who is correct?

Explain your answer.

They could both be correct as they have not stated what the blue circle is left or right in relation to.

The blue circle is to the **right** of the **blue square** and the blue circle is also to the **left** of the **red circle**.

23.04.26

LQ: Can I describe position and direction?

23.04.26

LQ: Can I describe position and direction?

Tasks

Today I followed a route on a large scale grid by following the directions given by an adult. First I worked with my partner to practise moving positions: left, right, forwards, backwards, up and down. Then I followed the route from home to the given location.

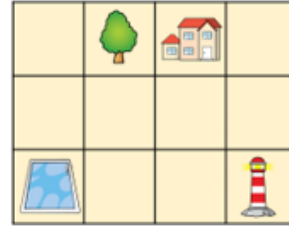
SEN-NTE – Adult to give directions for children to follow.
Photo evidence and child's voice.

Self assessment

Do you understand the tasks?



1.
Draw and write a route from the house to the pool using directional language.



turn
left
right
forwards
backwards
up
down
square

2.

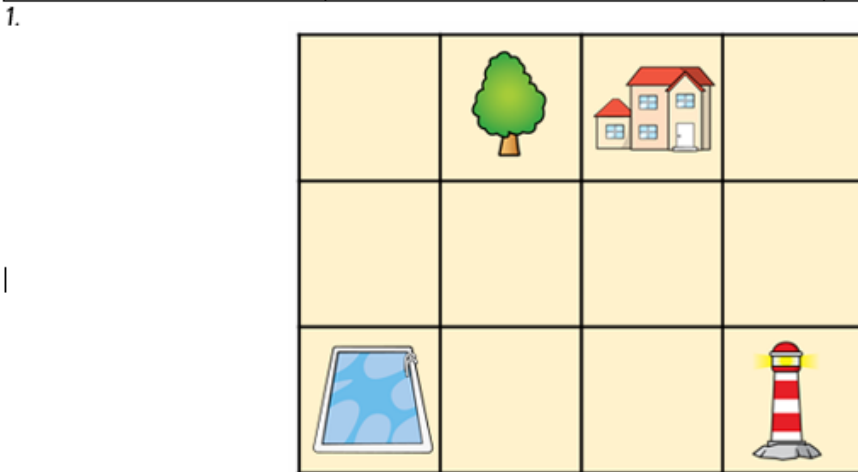
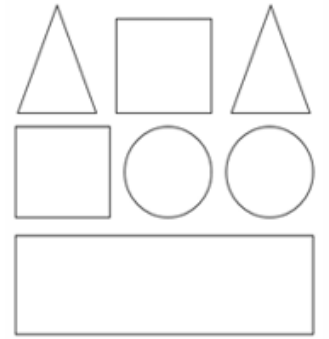
Mo: The pink doughnuts are on the left.

Alex: The pink doughnuts are on the right.

Who is correct?
Explain how you know.

_____ is correct because...

3.
Use the clues to colour in the shapes.



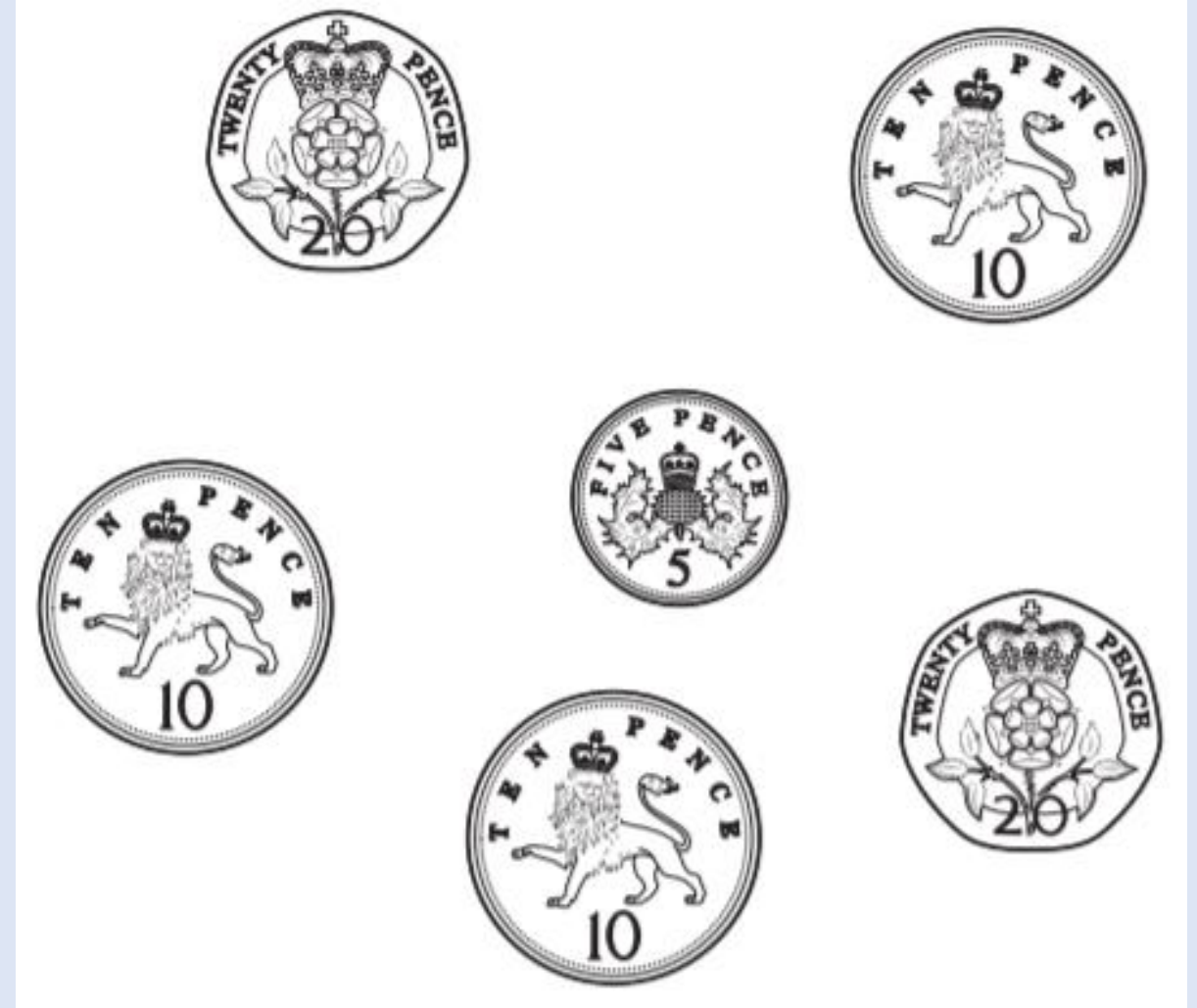
Friday 24th April 2026

24.04.26

Mental Maths

What coins can I use to make the total of 45p?

How many combination of coins can I use?





LQ: Can I describe position and direction?

Steps to Success:

I understand position and direction.

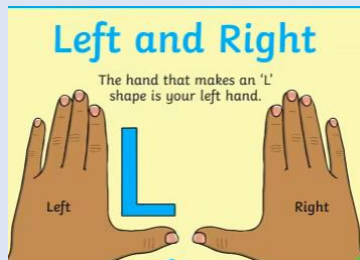
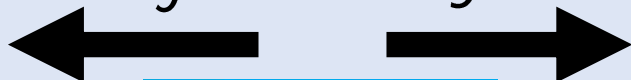
I can describe position and direction using the mathematical language.



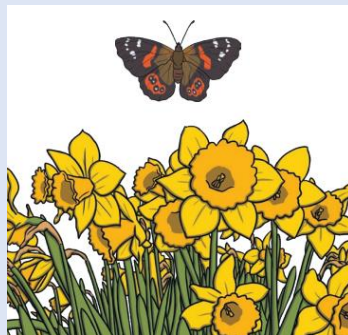
★ Star Words ★

left

right



above



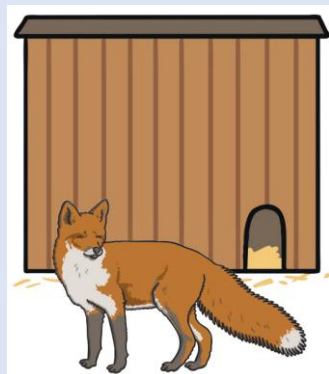
on top



beside



in front



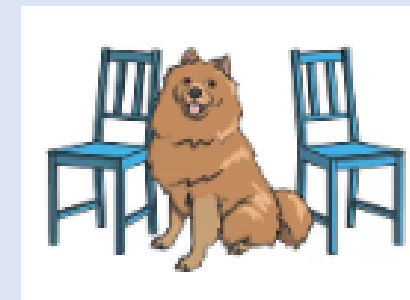
behind



under/beneath



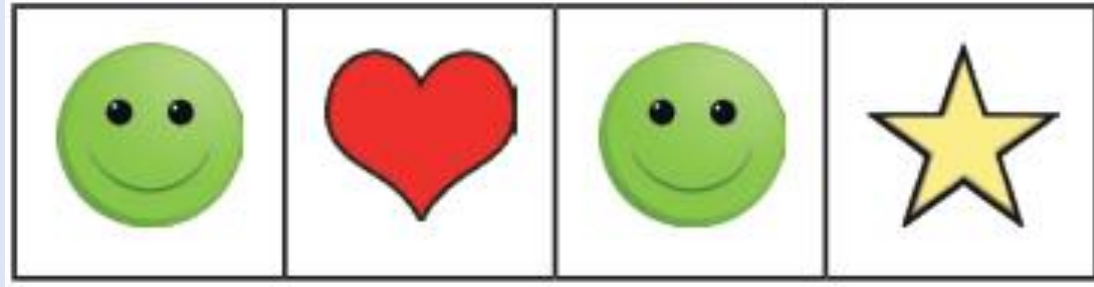
in between



24.04.26

LQ: Can I describe position and direction?

Today you going to continue to describe position and direction.



Where is the heart?

The heart is between the smiley faces.

24.04.26

LQ: Can I describe position and direction?

Think about where you are sitting.

TPs: Where is your partner sitting in relation to you?

Who is in front of you?

Who is next to you?

How can we describe the position of the chairs?



24.04.26

LQ: Can I describe position and direction?

Let's play a game.

Everyone will stand up and will be given instructions for position and direction. You will practise following my instructions.

Stand up.

Turn right

Take 1 step forward

Turn left

Turn left again

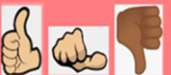
Take 2 steps backwards

Stretch up high

Bend down low

Self assessment

Do you understand the what
position and direction is?

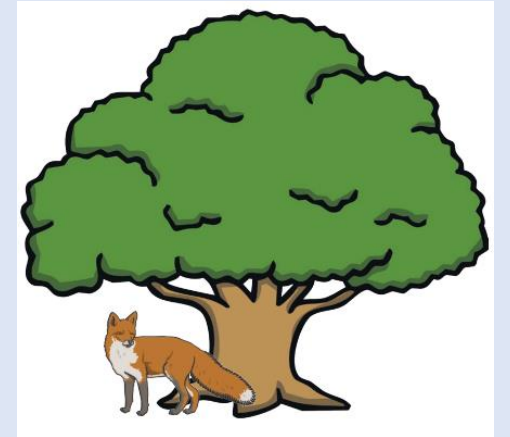
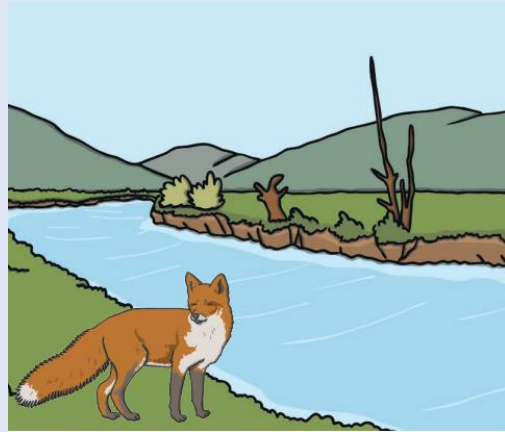
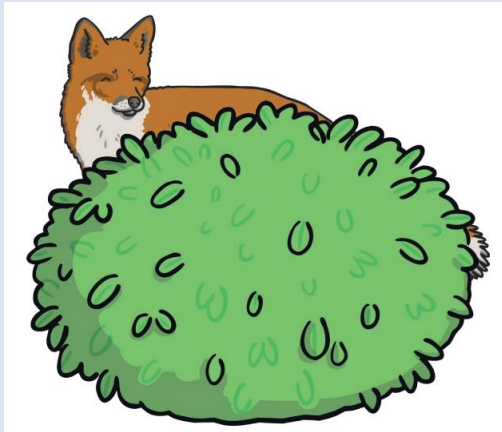


24.04.26

LQ: Can I describe position and direction?

Where is the fox?

Use the positional language to describe where the fox is.



under above behind in front beneath in between
beside on top in below to the left of to the right of

24.04.26

LQ: Can I describe position and direction?

Use objects in your classroom or outside area to complete the sentences. Use the words: 'top', 'middle', 'bottom', 'above' and 'below' to describe the position.

The _____ is above _____.

The _____ is below _____.

In between _____ and _____ is _____.

Above _____ is _____ and _____.

There is nothing between _____ and _____.

24.04.26

LQ: Can I describe position and direction?

Task

Position yourself somewhere in the classroom and look around you. Write what position the objects are in relation to where you are sitting/standing and record it on the table.

In front of me	Behind me	To the left of me	To the right of me	Above me	Below me	Beside me

Self assessment

Do you understand the task?

