

YEAR 1 MATHS

Term 5 Week 2

Fractions Assessment

Please try the fractions assessment on Professor Assessor: www.prof123.co.uk/

You have 1 week to complete this from Friday 24th April. This will help us know how you are getting on with your learning.

This week – Position, direction and movement

- Each session should take about 30 minutes.
- This week we are focusing on:
 - Session 1 – Prepositions
 - Session 2 - Left and right
 - Sessions 3 and 4 - Whole, half and quarter turns
 - Session 5 - Solving problems involving whole, half and quarter turns

Session 1 - Prepositions

- Prepositions are words that tell us where an object is.

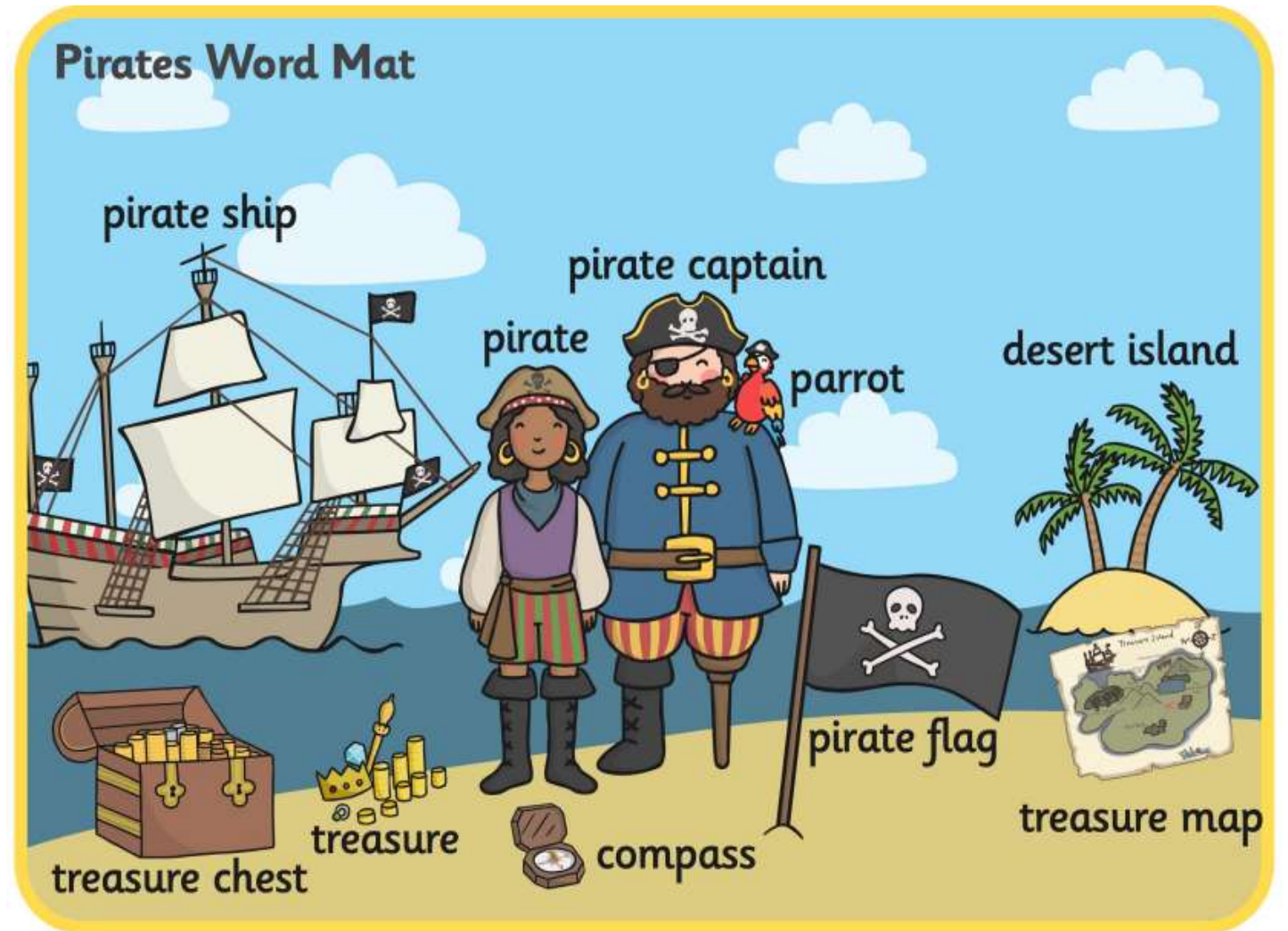
- For example:

on under next to below on top of

- On the next page is a picture. Can you answer the questions using prepositions?
- There are then 3 activities set at different challenge levels. Please work with your child to choose the appropriate task.
- Finally try the prepositions problem. (This leads into tomorrow's learning so the vocabulary 'left' and 'right' has been included.)

Session 1

1. What is sitting on the pirate captain's shoulder?
2. Where is the treasure map?
3. What is next to the crown?
4. Where is the biggest pirate flag?
5. What is under the girl pirate?
6. Where is the treasure?



Challenge 1

We are learning to use prepositions on, under, and next to.

Circle the right preposition. One has been done for you.



On / Under / Next to



On / Under / Next to



On / Under / Next to



On / Under / Next to

Draw a treasure chest on the table.

Draw a pirate hat under the table.

Draw a pirate flag next to the table.



Challenge 2

We are learning to use prepositions on, under, and next to.

Answer the questions in full sentences.



Use these prepositions:

On

Under

Next to

1) Where is the parrot?

2) Where is the flag?

3) Where is the treasure chest?

In your book, write some sentences about the position of objects around the room you are working in.

Challenge 3

We are learning to use prepositions on, under, and next to.

Highlight the prepositions on, under, and next to in the story.

Can you find any more prepositions?



Pirate Pete saw Captain Kate getting closer on her ship. He ran to the staircase next to the ship's wheel to hide under the deck, but she had seen him! She threw a rope over the mast, and swung on the rope over the sea on to Pirate Pete's ship. She ran on her peg leg down the stairs to where Pete was hiding below the deck. Kate climbed on a table to look around, and saw Pete standing next to a cannon. She ran across the floor, but Pete slid under the table to escape up the stairs and on to the deck.

Write your own story using prepositions.

Prepositions Problem

How many different ways can you describe the position of the 2p coin?



See the next page for the answer.

Prepositions Problem

How many different ways can you describe the position of the 2p coin?



Possible answers may include:

The 2p coin is:

Below the 50p

Above the 10p

In between the £1 and 5p

To the **left** of the 5p

To the **right** of the £1

Session 2 - Left and right

- Today we are learning about left and right.
- First watch this video. Join in with the song and learn an easy way to remember which is your left and right.
- <https://www.youtube.com/watch?v=4VZLVcYsaQk>
- Then try the activities on the next pages. There are 3 to try.
- Extra challenge: Can you think of your own left and right game or maybe you can think of a song to help you remember which hand is left and which is right?

Session 2 - Left and right – Task 1

1 Colour:

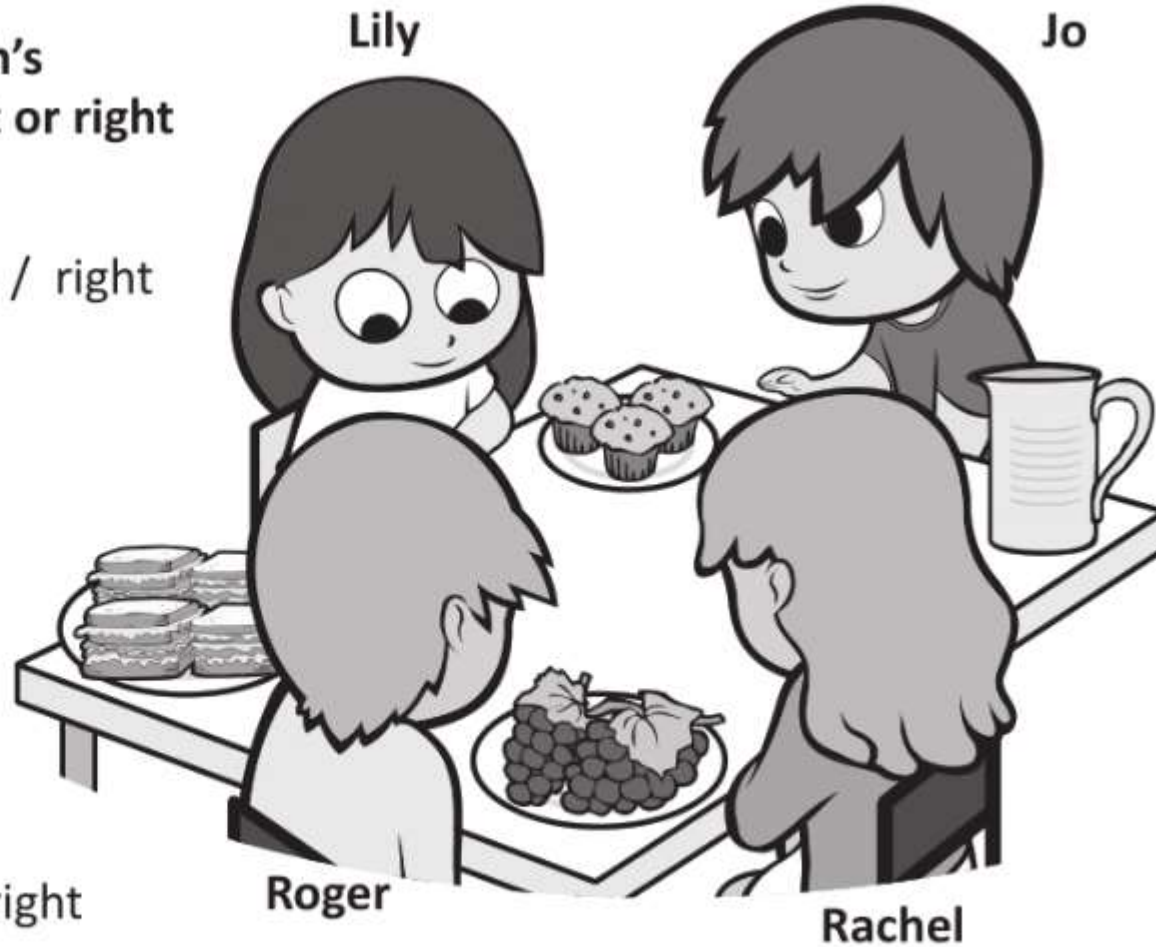
- a the **left** hand blue
- b the **right** hand green
- c the **left** shoe yellow
- d the **right** shoe orange
- e the **right** flower pink
- f the **left** flower purple



Session 2 - Left and right – Task 2

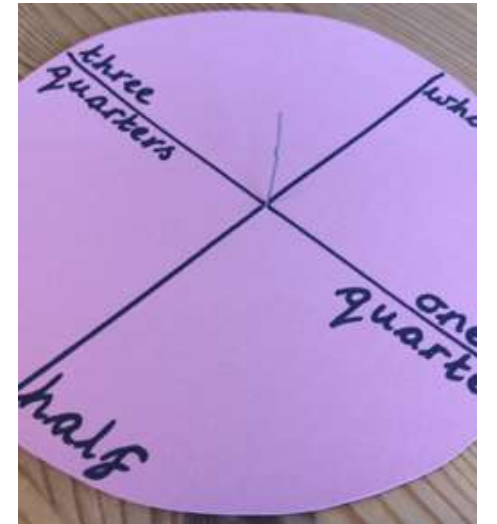
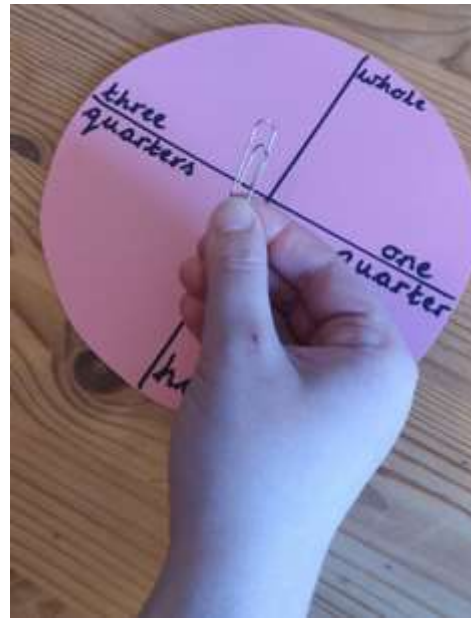
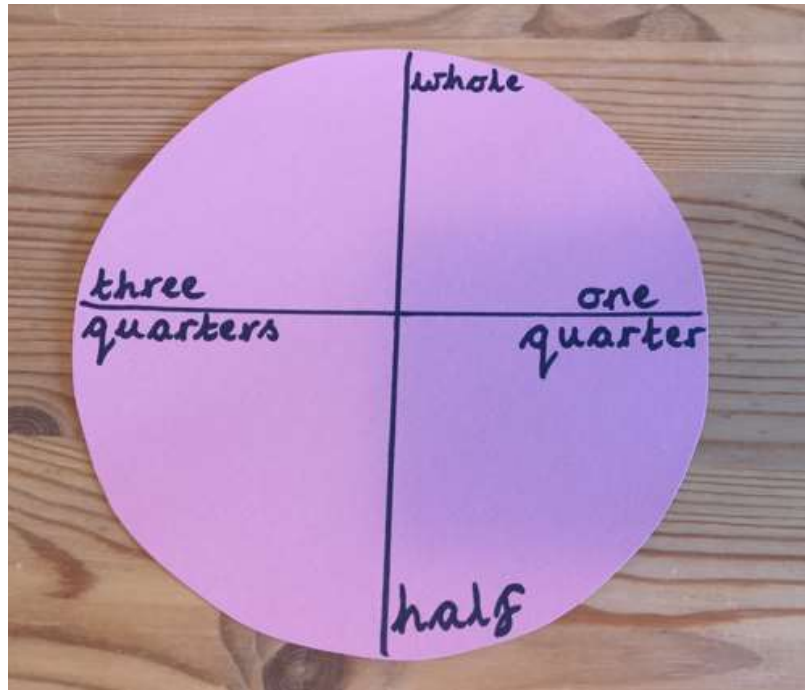
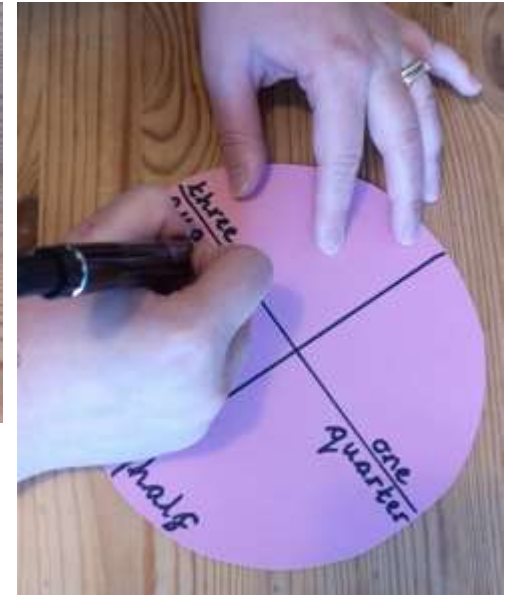
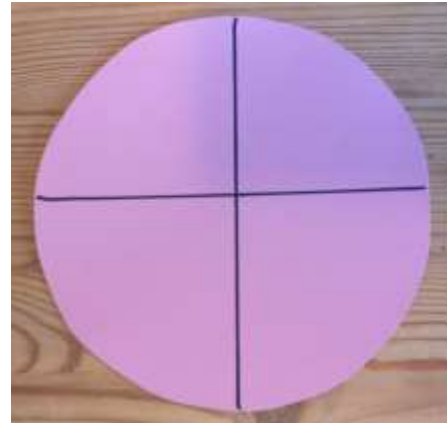
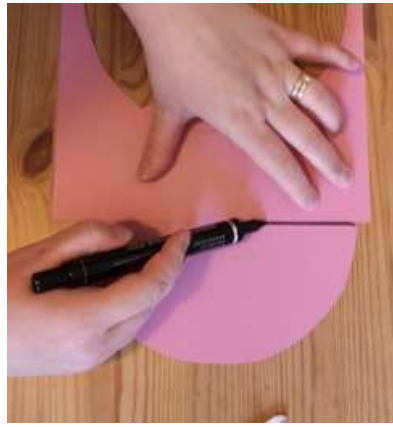
Look carefully at each person's position and circle either left or right in each sentence:

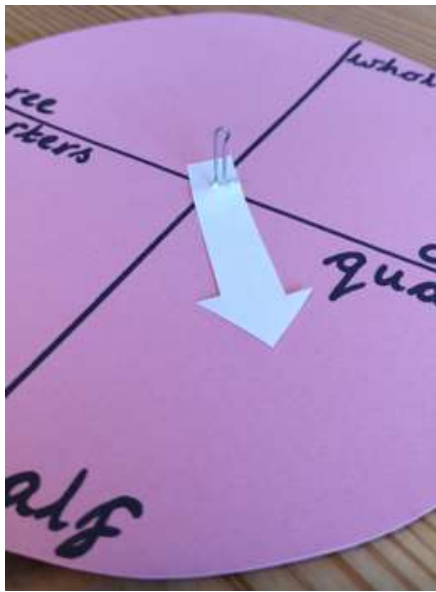
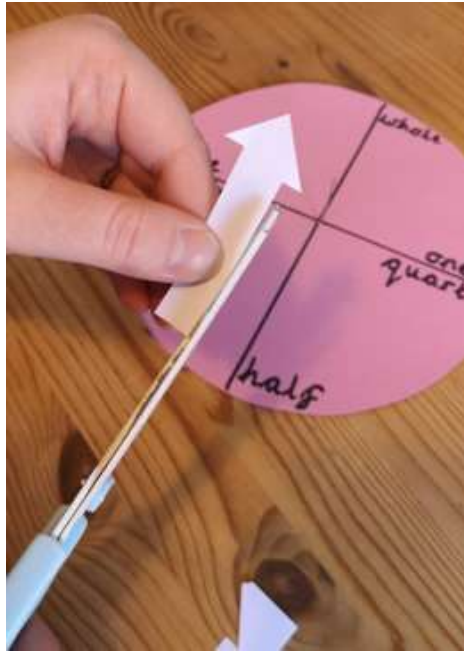
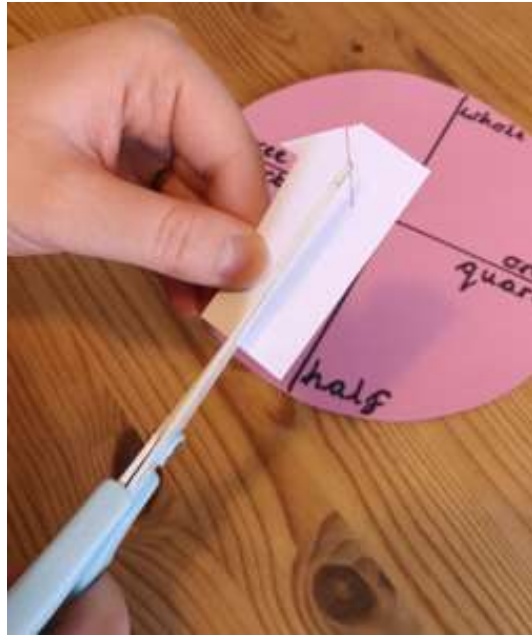
- a The grapes are on the left / right of Roger.
- b The cupcakes are on the left / right of Jo.
- c The sandwiches are on Lily's left / right.
- d The jug is on Rachel's left / right.
- e Jo is sitting on the left / right of Lily.
- f Roger is sitting on the left / right of Rachel.



Session 3 - Whole, half and quarter turns

- First watch the 'Whole, half and quarter turns' video:
<https://youtu.be/t3miJsKZbVM>
- You could make you own whole, half and quarter turns circle. There are pictures on the next page to show how it was made. If you do not have any split pins at home you could ask a grown up to bend a paper clip or hair clip to make the pivot point.
- Use your circle to help with the 'Turtle Turns' activity on the next page. Alternatively, draw and cut out your own turtle to turn.
- Lastly, ask a member of your family to give you instructions, e.g. half a turn clockwise. See if you can follow their instructions correctly.













Turtle Turns Activity

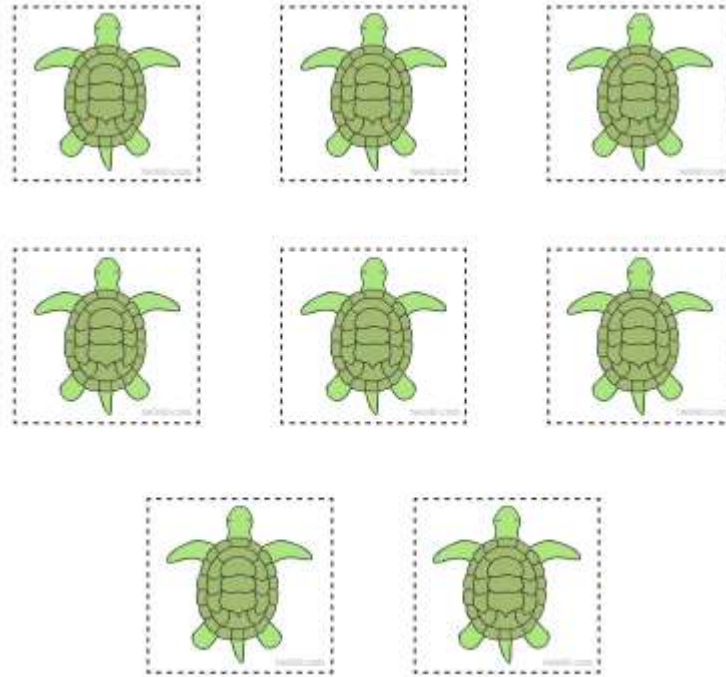
I can make clockwise and anticlockwise turns.

In pairs, take it in turns to roll a dice. The first to turn all their turtles correctly is the winner.

A half turn clockwise 	A quarter turn clockwise 	A whole turn clockwise 
A quarter turn anticlockwise 	A half turn anticlockwise 	A three-quarter turn clockwise 
A whole turn anticlockwise 	A three-quarter turn anticlockwise 	

There are some turtles on the next page to print and cut out or you can draw your own. You do not need to complete this with a partner and if you do not have a dice at home then try this website for a virtual dice:

<https://dice.virtuworld.net/>



Session 4 - Whole, half and quarter turns

- Recap turning whole, half and quarter turns using the video: <https://youtu.be/t3miJsKZbVM>
- Try the activities on the next pages. Use the circle you made yesterday to help.
- Finally try the question from a Year 1 maths test paper.

Session 4 - Whole, half and quarter turns – Task 1

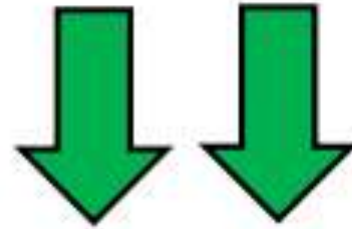
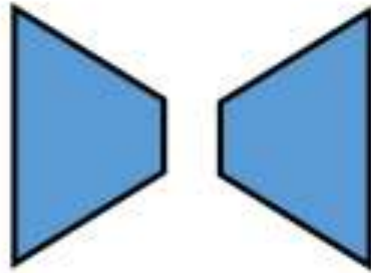
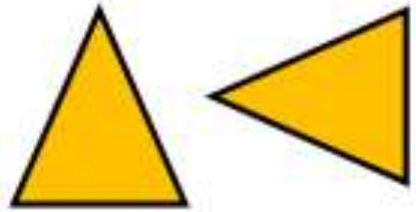
Draw what each shape will look like once it has turned a:

- quarter turn
- half turn
- three-quarter turn
- full turn



Session 4 - Whole, half and quarter turns – Task 2

Complete the sentence to describe the turns these shapes have made.



The shape has turned a _____ turn.

Session 4 – Task 3

Introduction

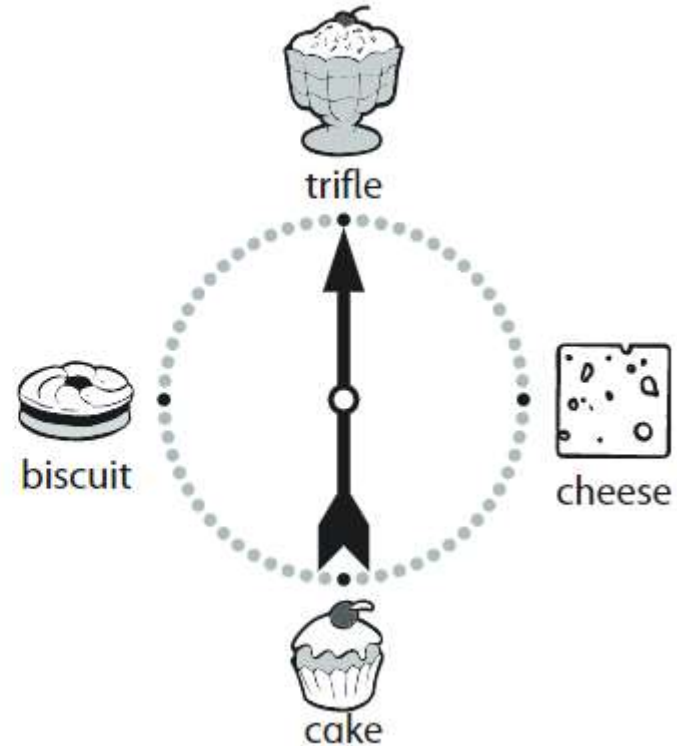
Stand up and face the front of the room. Follow these instructions. Which ones make a full turn?

	Instructions	Full turn?
1	Make a quarter turn. Make a half turn in the same direction. Make another half turn in the same direction.	
2	Make a half turn. Make a quarter turn in the same direction. Make another quarter turn in the same direction.	
3	Make a three quarter turn. Make a half turn in the same direction.	

Session 4 - Whole, half and quarter turns

Test Question

- 2 Look at the spinner.
- a What will the spinner point to if it makes a **full** turn?
-
- b What will the spinner point to if it makes a **quarter** turn anti-clockwise?
-
- c The spinner turns to point to the cake, after passing the biscuit. Describe its turn.



Session 5 - Solving problems involving whole, half and quarter turns

- On the next pages are 2 problems to try involving whole, half and quarter turns.
- The answers to each problem can be found on the page after it.
- Lastly, please try the position and direction assessment on Professor Assessor: www.prof123.co.uk/

You have 1 week to complete this from Friday 1st May. This will help us know how you are getting on with your learning.

Problem Solving 1

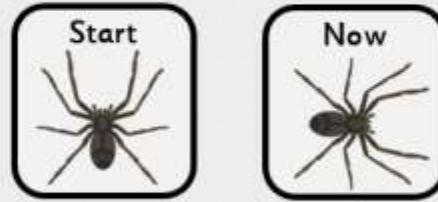
Joseph has turned his game piece twice, in the same direction.



Which two turns could leave him facing this way?

Problem Solving 1

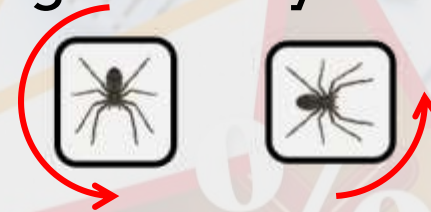
Joseph has turned his game piece twice, in the same direction.



Which two turns could leave him facing this way?



One full turn and
one quarter turn



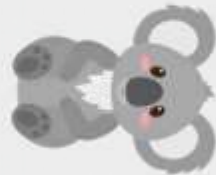
One half turn and
one quarter turn



One three quarter
turn and one half
turn

Problem Solving 2

The jigsaw pieces need to turn to fit their space.



How should they each turn?

Problem Solving 2

The jigsaw pieces need to turn to fit their space.

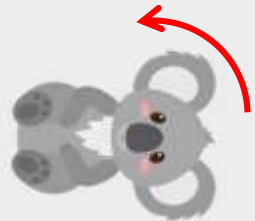
a quarter turn



a half turn



a quarter turn



How should they each turn?