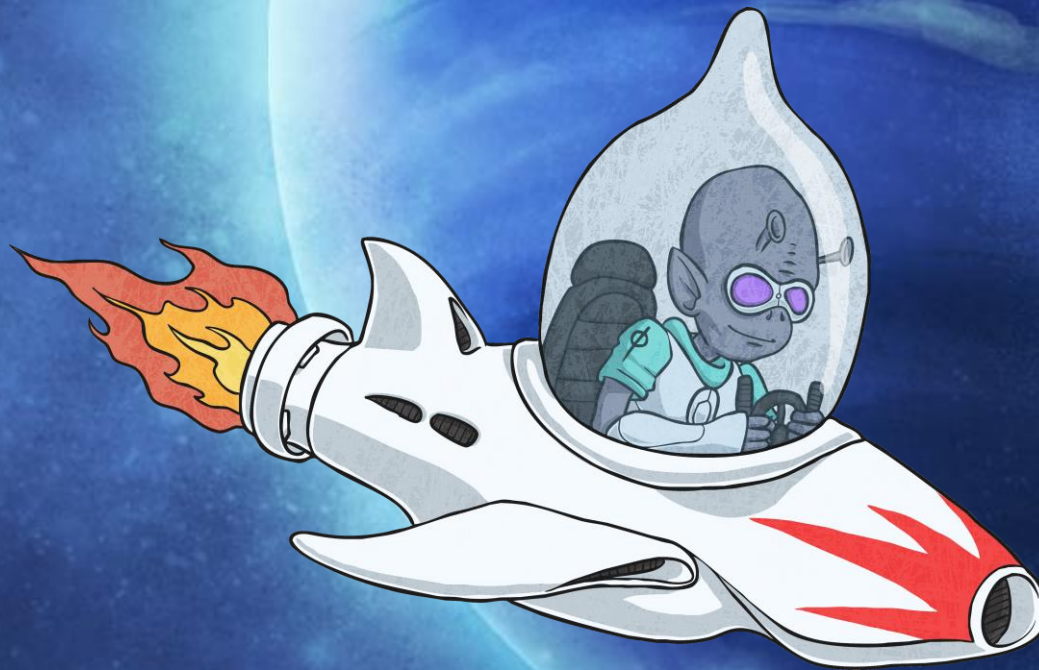


Right Angles in Turns



Aim

- I can recognise and use right angles in turns.

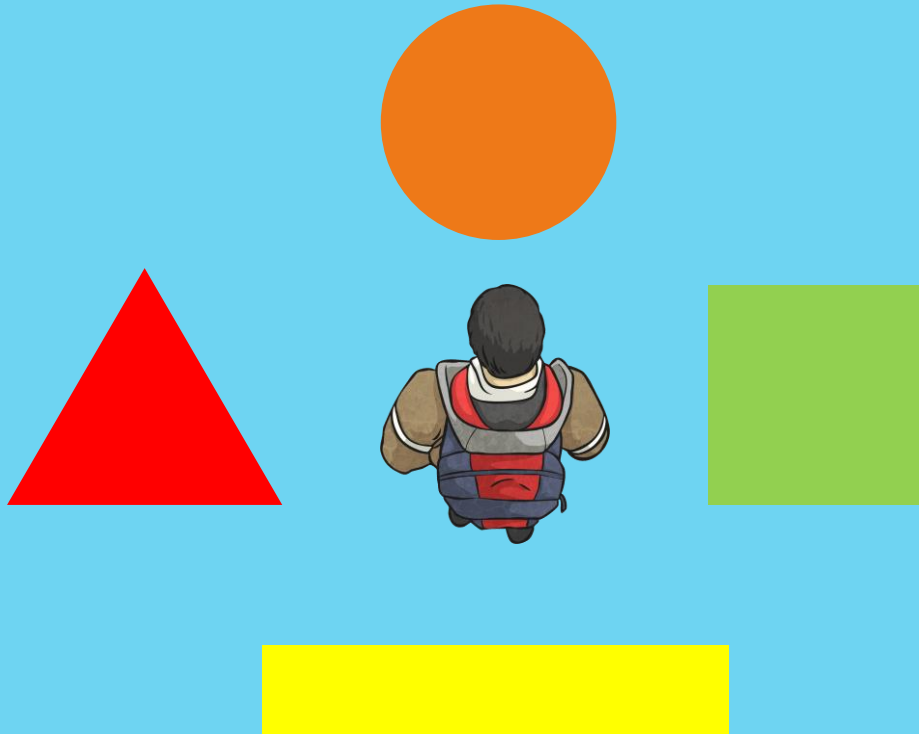
Success Criteria

- I can turn through a quarter turn, half turn, three-quarter turn and full turn.
- I can explain the relationship of turns to a 90 degree right angle.
- I can use clockwise and anticlockwise correctly to describe turns.

Where Will I Be Facing?



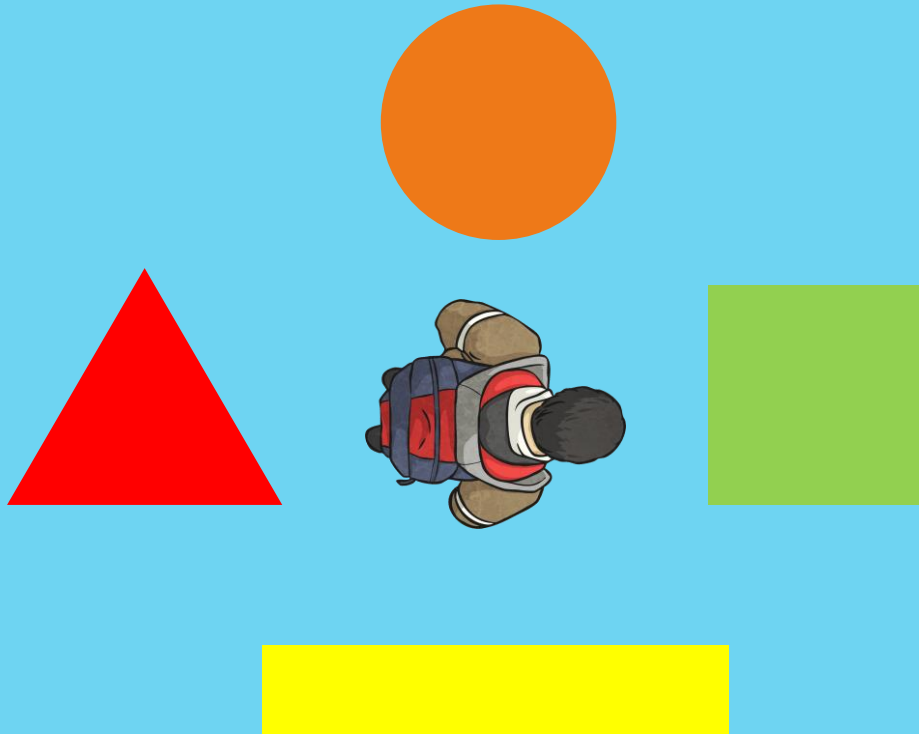
The child is facing the **circle**. If they turn a quarter turn clockwise, which shape will they be facing?



Where Will I Be Facing?



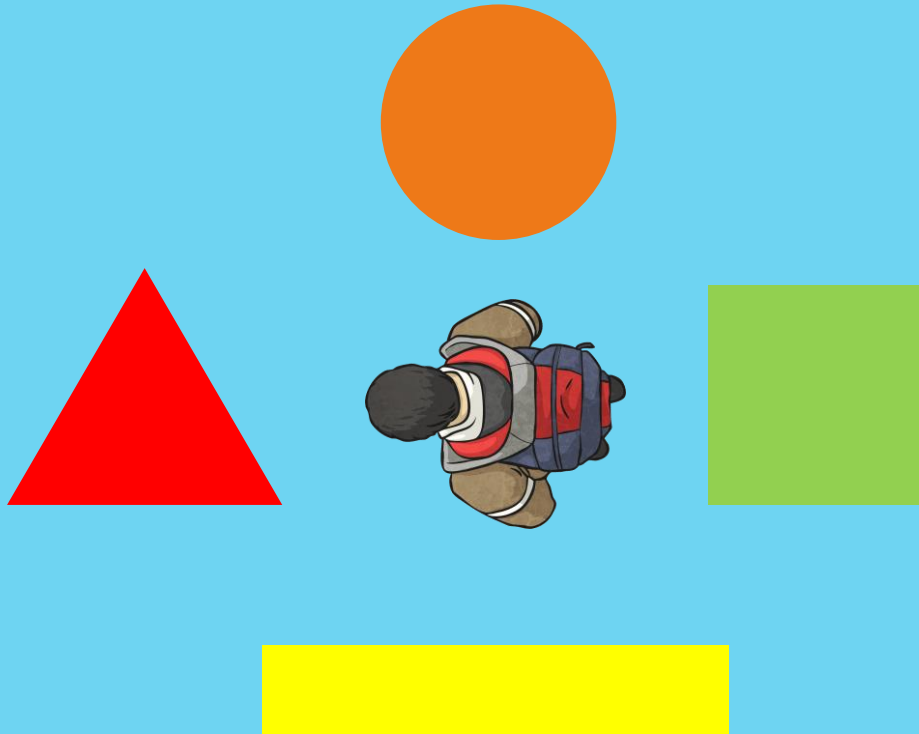
The child is facing the **square**. If they turn a half turn **clockwise**, which shape will they be facing?



Where Will I Be Facing?



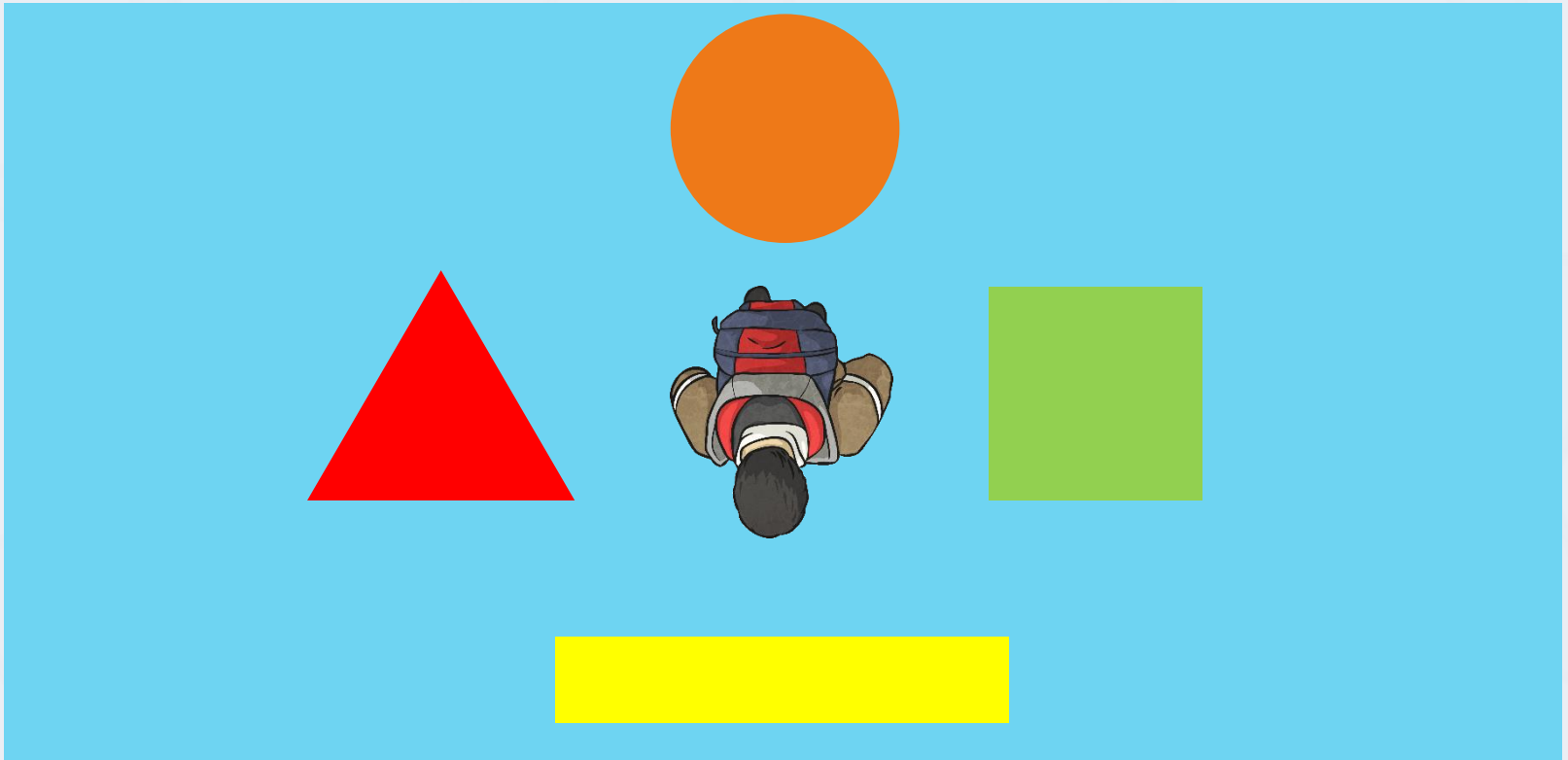
The child is facing the **triangle**. If they turn a three-quarter turn **clockwise**, which shape will they be facing?



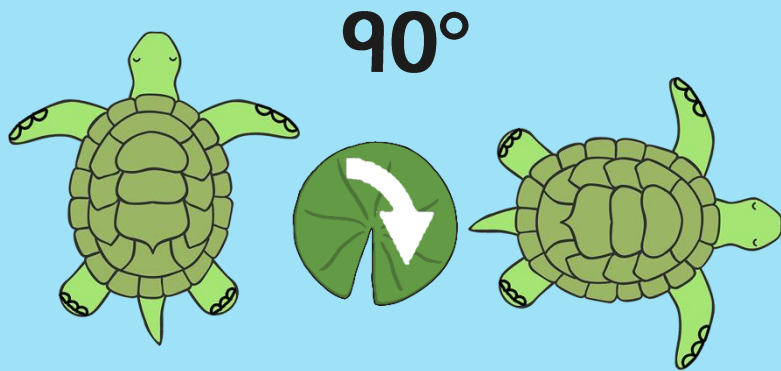
Where Will I Be Facing?



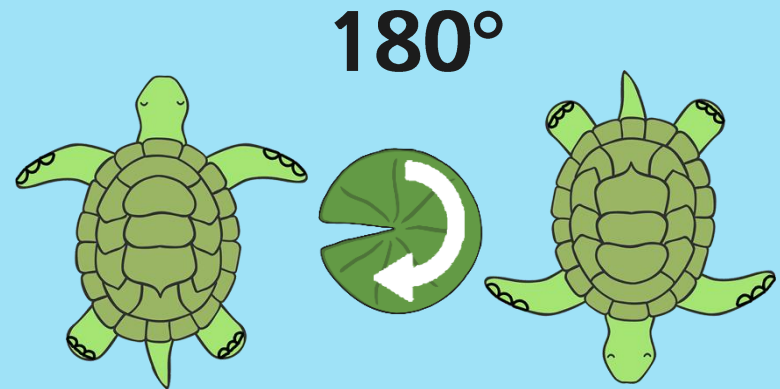
The child is facing the **rectangle**. If they turn a whole turn **clockwise**, which shape will they be facing?



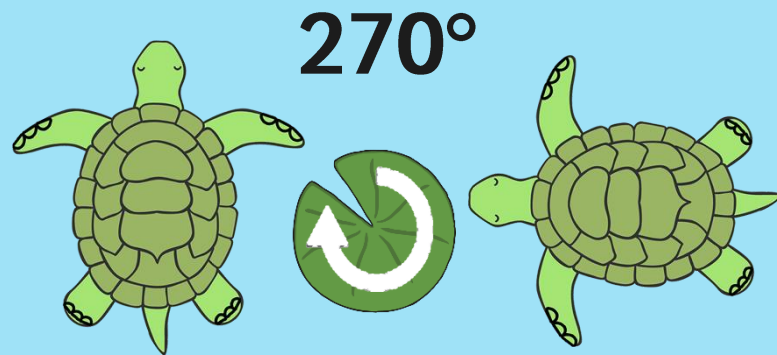
Clockwise Turning



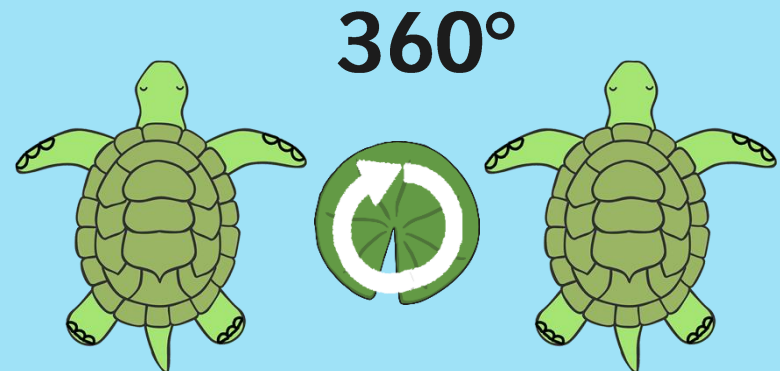
One quarter turn clockwise



One half turn clockwise

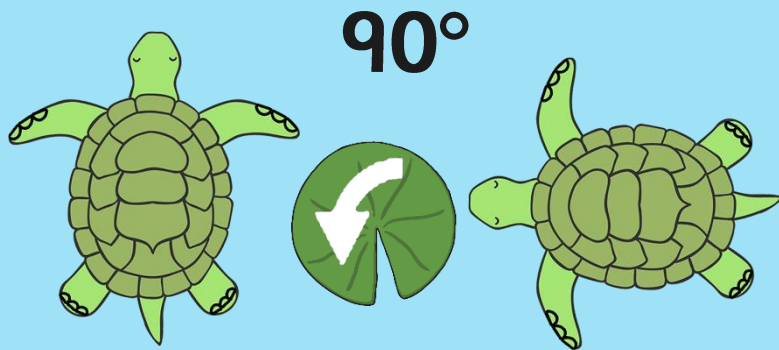


One three-quarter turn clockwise

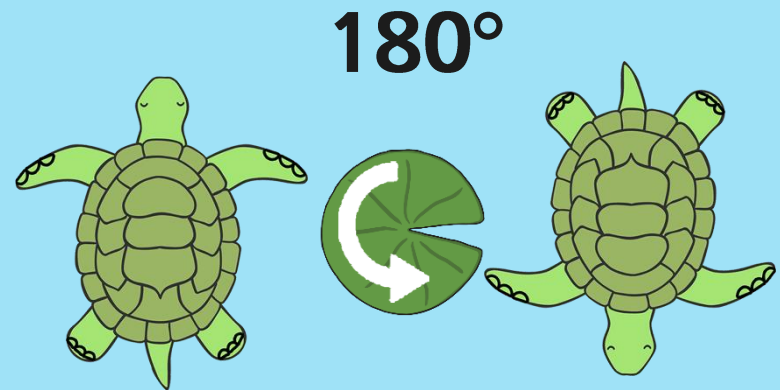


One whole turn clockwise

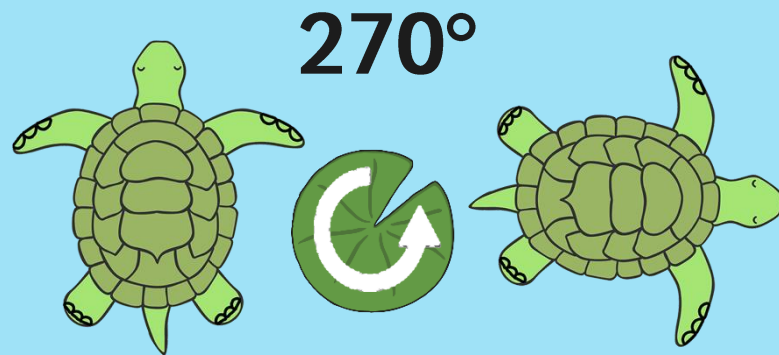
AntiClockwise Turning



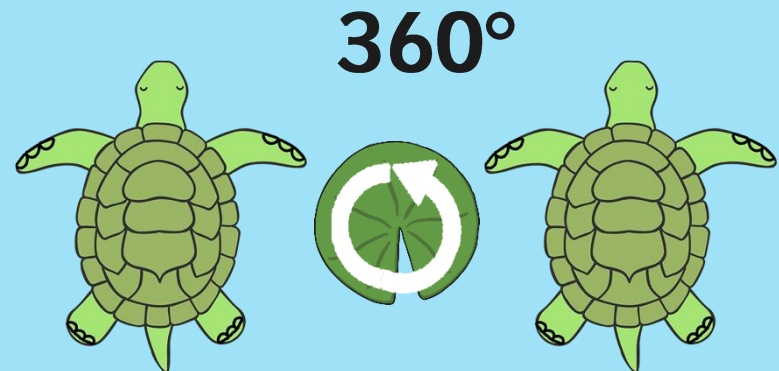
One quarter turn anticlockwise



One half turn anticlockwise

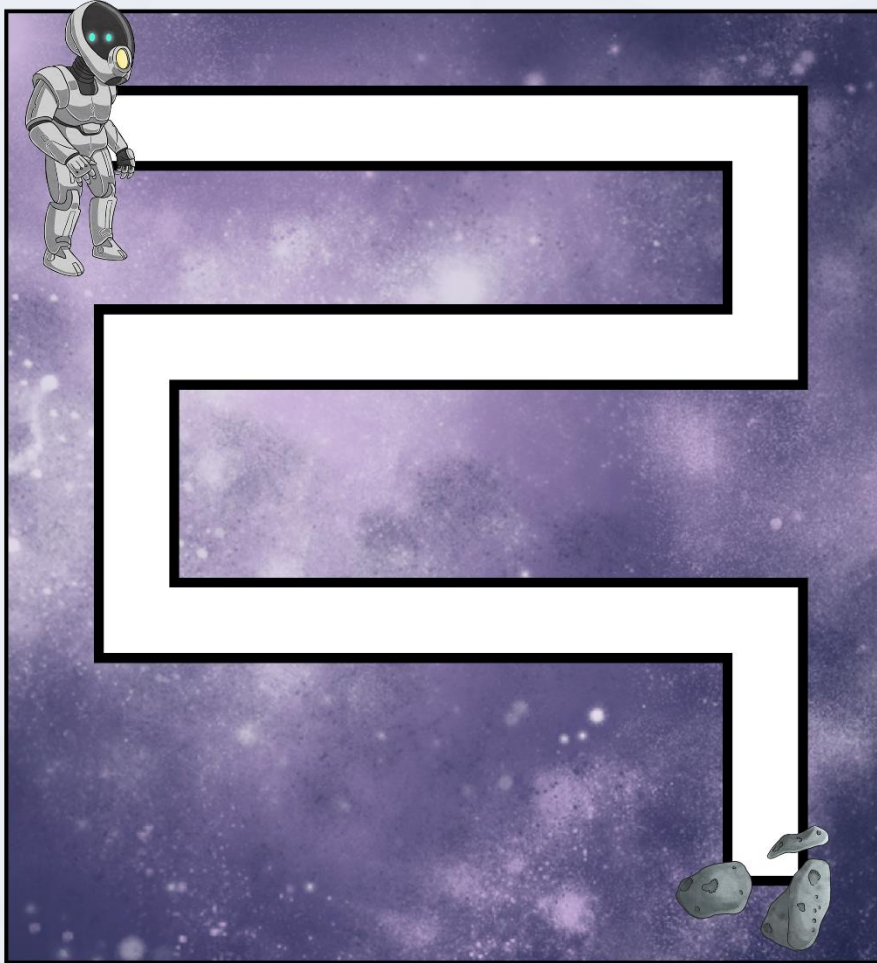
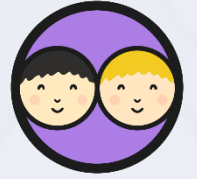


One three-quarter turn anticlockwise

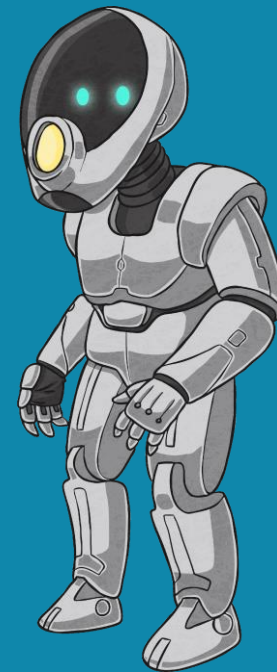


One whole turn anticlockwise

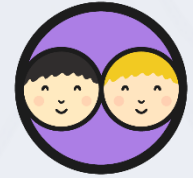
Turning Maze



What turning instructions would you give to the robot to escape the maze?



Turning Activity



★

Where will the child be?

Start Facing	Turn
	1 right angle clockwise
	2 right angles clockwise
	1 quarter turn clockwise
	1 half turn clockwise
	90 degrees clockwise
	180 degrees clockwise
	1 right angle anti-clockwise
	2 right angles anti-clockwise
	180 degrees anti-clockwise
	1 right angle clockwise

★★

Where will the child be?

Start Facing	Turn
	1 right angle clockwise
	2 right angles clockwise
	1 quarter turn clockwise
	1 half turn clockwise
	90 degrees clockwise
	180 degrees clockwise
	1 right angle anti-clockwise
	2 right angles anti-clockwise
	180 degrees anti-clockwise
	1 right angle clockwise

★★★

Where will the child be?

Start Facing	Turn
	1 right angle clockwise
	2 right angles clockwise
	1 quarter turn anti-clockwise
	1 half turn anti-clockwise
	90 degrees anti-clockwise
	180 degrees clockwise
	1 right angle anti-clockwise
	2 right angles anti-clockwise
	180 degrees anti-clockwise
	1 right angle clockwise

★★★

Turns

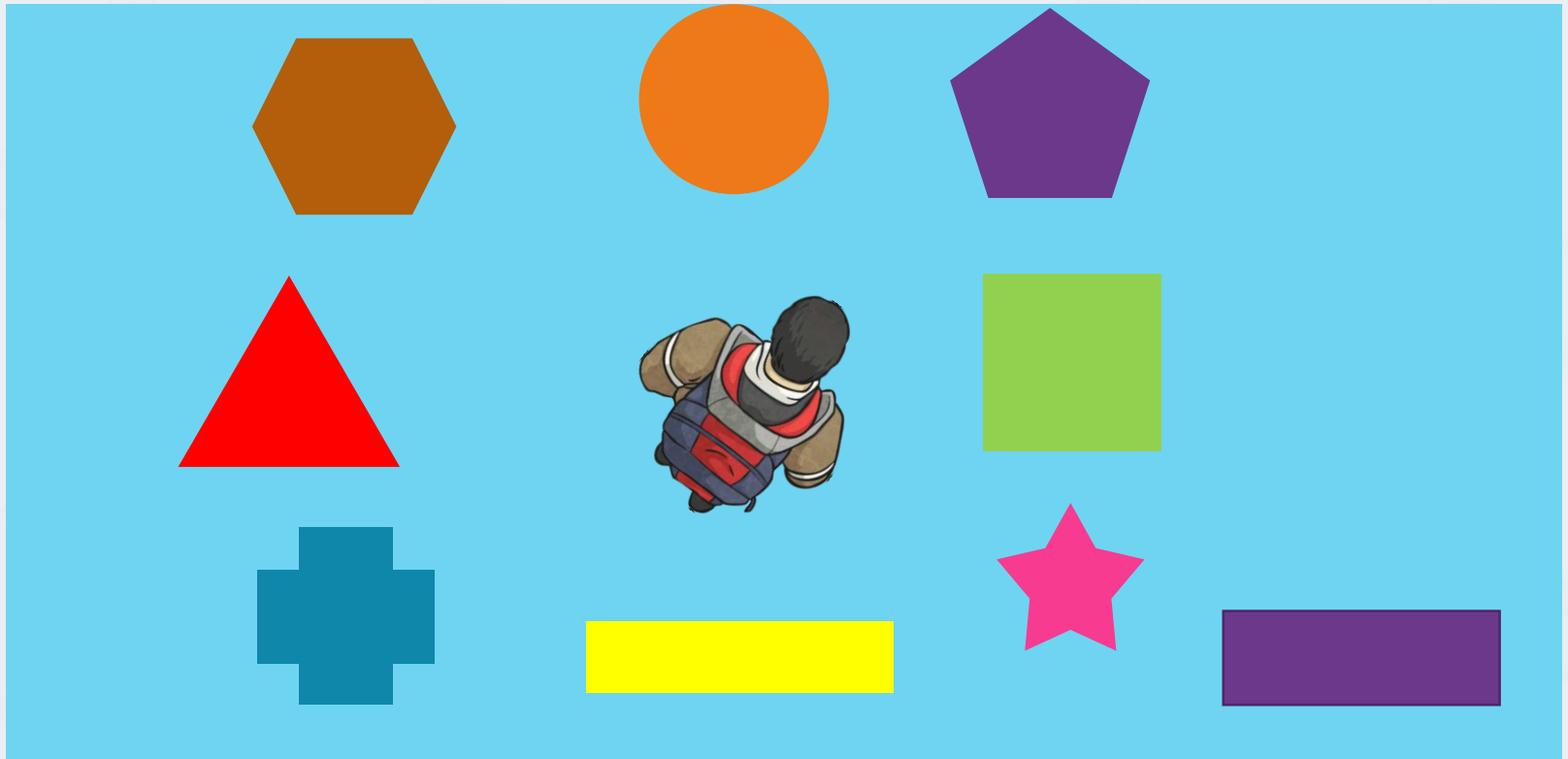
I can recognise and use right angles in turns.

Use this diagram to help you answer the questions on the next page.

True or False?



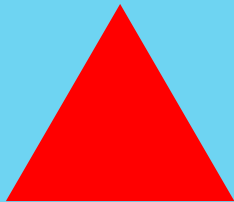
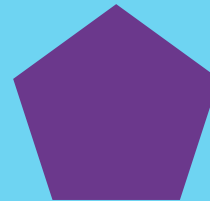
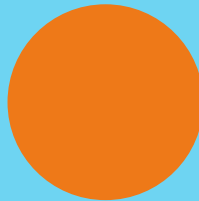
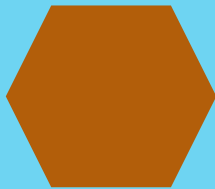
The child is facing the **pentagon**. If they turn 90 degrees **clockwise**, they will face the **rectangle**. True or false?



True or False?



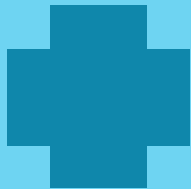
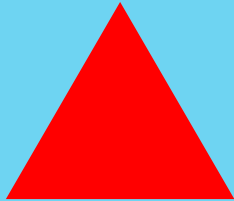
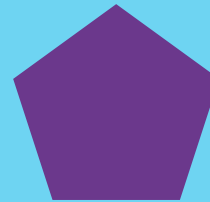
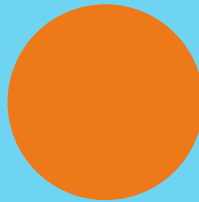
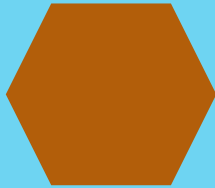
The child is facing the **star**. If they turn 180 degrees **anticlockwise**, they will face the **triangle**. True or false?



True or False?



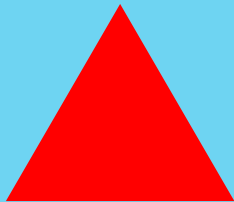
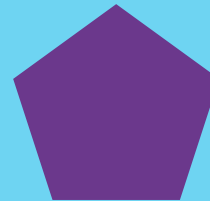
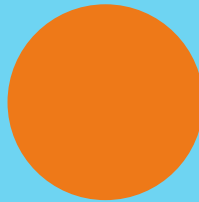
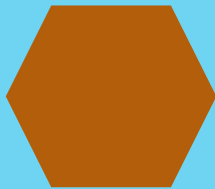
The child is facing the **hexagon**. If they turn 270 degrees **anticlockwise**, they will face the **pentagon**. True or false?



True or False?



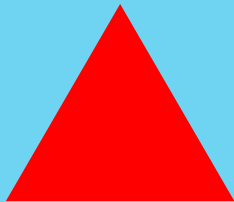
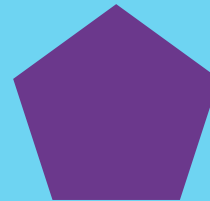
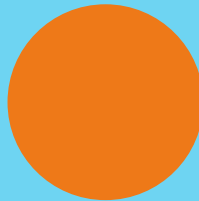
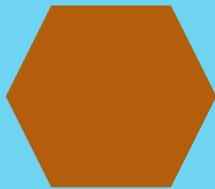
The child is facing the **cross**. If they turn 90 degrees **anticlockwise**, they will face the **circle**. True or false?



True or False?



The child is facing the **hexagon**. If they turn 360 degrees **clockwise**, they will face the **hexagon**. True or false?



Aim



- I can recognise and use right angles in turns.

Success Criteria

- I can turn through a quarter turn, half turn, three-quarter turn and full turn.
- I can explain the relationship of turns to a 90 degree right angle.
- I can use clockwise and anticlockwise correctly to describe turns.

