1) Complete the sentence below:

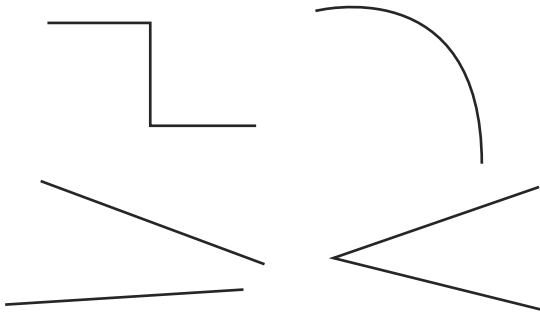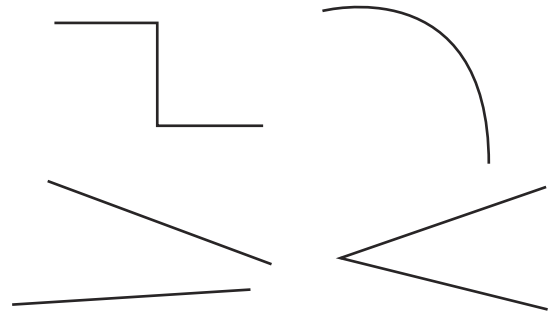An angle is made when

two _____ lines meet at a point.

If I turn 90°, I will have made a _____ turn.

90° is the size of a _____ angle.

2) Circle the pictures below that show angles:

1) If I start facing the circle each time, which shape will I be facing after each of the following turns?

a quarter turn anticlockwise _____

a three-quarter turn clockwise _____

a 90° turn clockwise _____

a whole turn anticlockwise _____

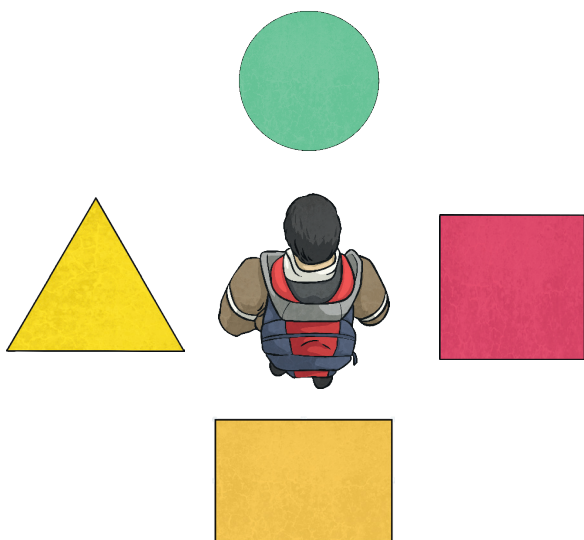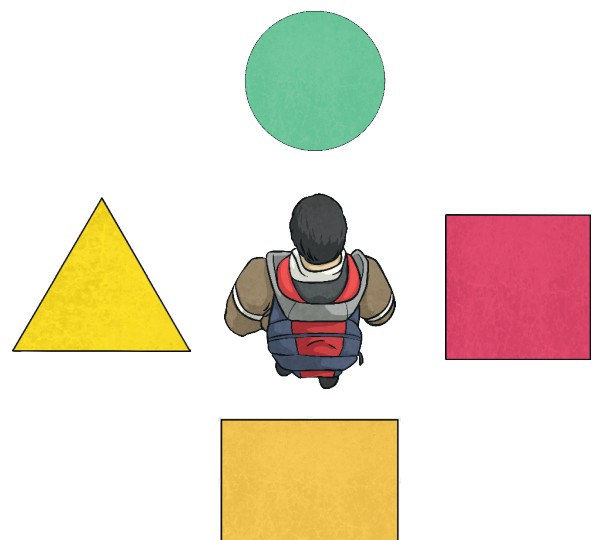**2)** Write the turns I would need to make if I started facing the square each time and wanted to face:

the rectangle _____

the circle _____

the triangle _____

1) I start facing the triangle and end facing the rectangle. My friends say:

Who do you agree with? _____

Why? _____

Mira: You must have made a quarter turn anticlockwise.

Mira

Ian: You turned a three-quarter turn clockwise.

Ian

2) Create a path on squared paper for a robot to follow. The angles on your path must only be right angles. Mark a start and finish point at each end. Write a set

of instructions for the robot to follow to walk from start to finish. Use the vocabulary here to help you:

quarter turn   clockwise   anti-clockwise   forwards

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1) I start facing the triangle and end facing the rectangle. My friends say:

Who do you agree with? _____

Why? _____

Mira: You must have made a quarter turn anticlockwise.
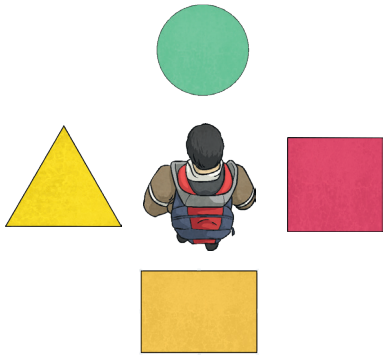
Mira

Ian: You turned a three-quarter turn clockwise.

Ian

2) Create a path on squared paper for a robot to follow. The angles on your path must only be right angles. Mark a start and finish point at each end. Write a set

of instructions for the robot to follow to walk from start to finish. Use the vocabulary here to help you:
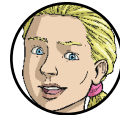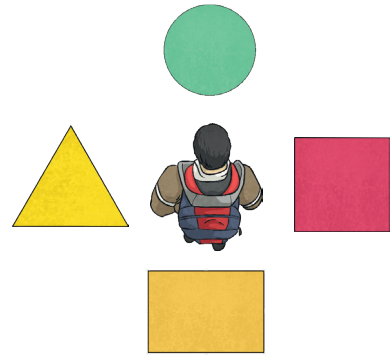
quarter turn   clockwise   anti-clockwise   forwards