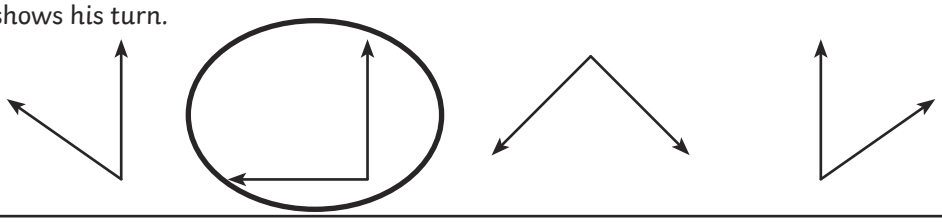
1) Complete the sentences:

The angle in the corner of a square is called a ***right*** angle.

A right angle is the same as a ***quarter*** turn.

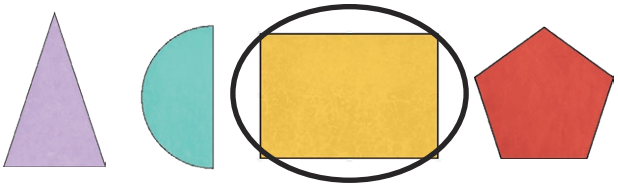
2) Colour any shapes with right angles, then mark each right angle with a small square using your pencil or pen:

3) Toby the turtle has turned a quarter of a circle clockwise to make a right angle. Circle the pair of arrows that shows his turn.



1) ***Multiple answers possible.***

2)



The rectangle is the odd one out as it is the only shape with a right angle. The other shapes could be the odd one out for different reasons.

1)

Caroline

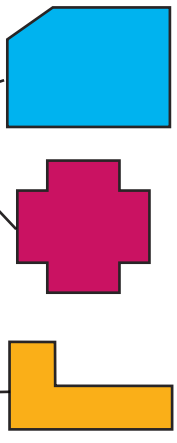
My shape has more than double the number of right angles that Akeem's shape has.

Akeem

My shape has three right angles.

Harvey

My shape has fewer right angles than Caroline's.

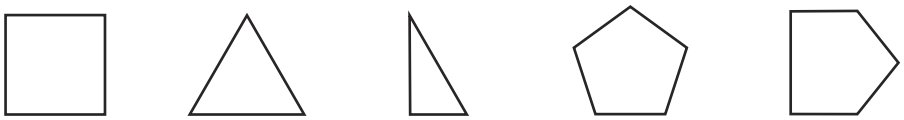


1) Complete the sentences:

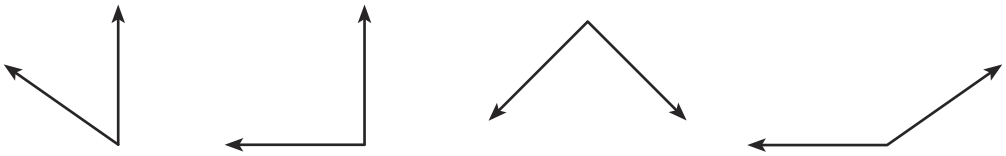
The angle in the corner of a square is called a _____ angle.

A right angle is the same as a _____ turn.

2) Colour any shapes with right angles, then mark each right angle with a small square using your pencil or pen:



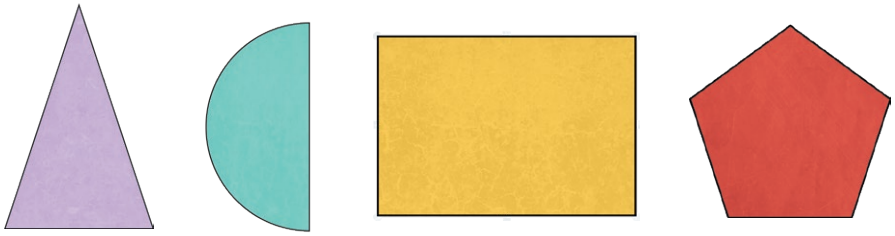
3) Toby the turtle turned a quarter of a circle clockwise to make a right angle. Circle the pair of arrows that shows his start and end.



1) Write your own name here in capital letters: _____

How many right angles can you find in your name? _____

2) Circle the odd one out:



Explain why you chose it: _____

1) Draw a line to match the shape to the description:

Caroline

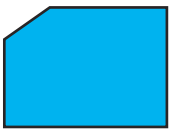
My shape has more than double the number of right angles that Akeem's shape has.

Akeem

My shape has three right angles.

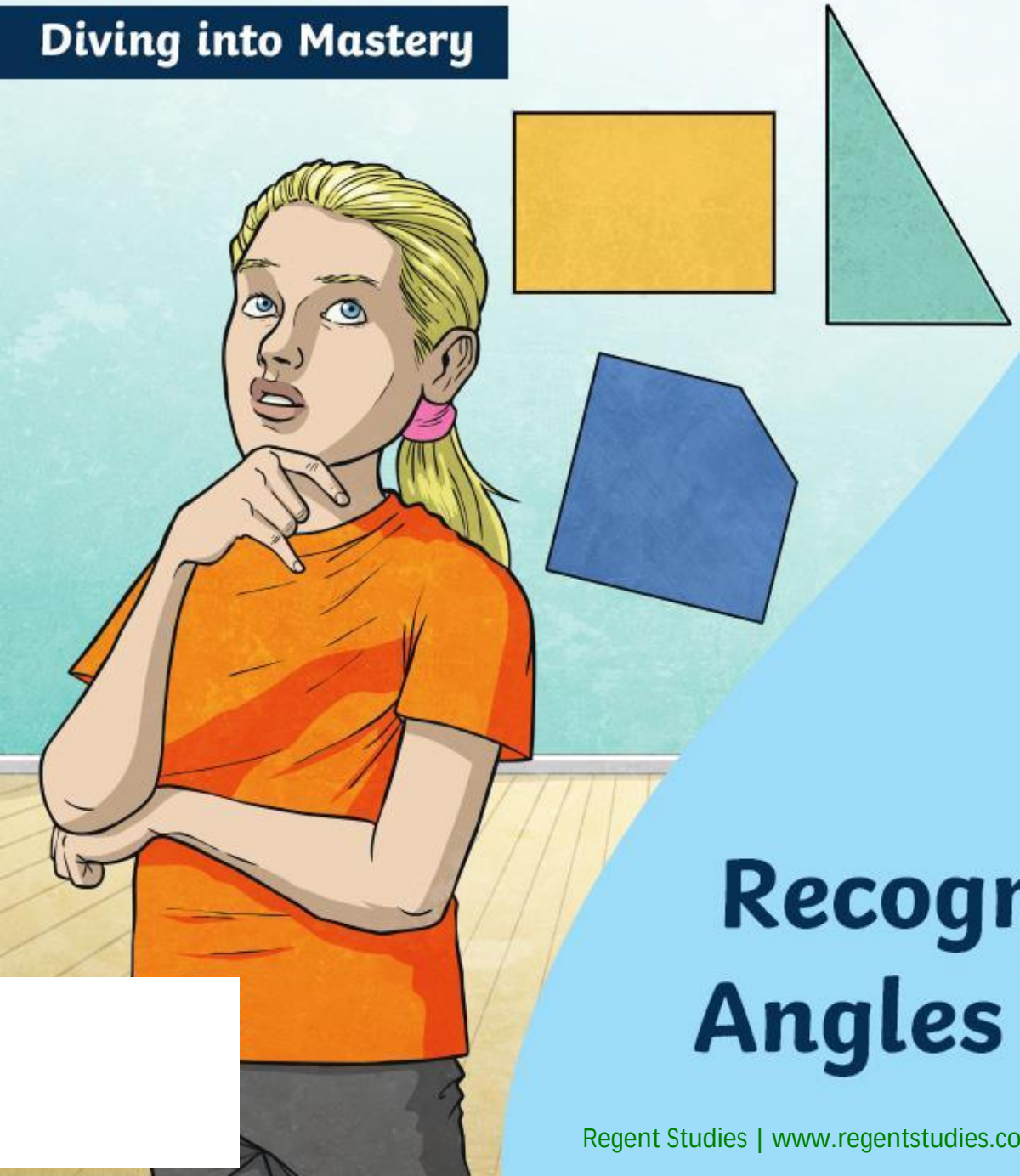
Harvey

My shape has fewer right angles than Caroline's.



2) Draw a **picture** with exactly 20 right angles. Use squared paper to help.

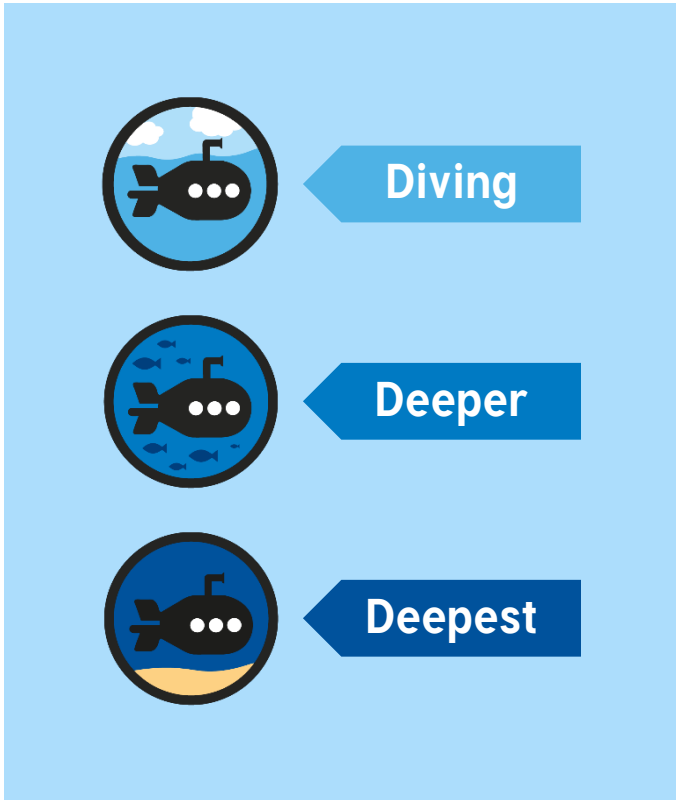
Diving into Mastery



Recognise Right Angles in Shapes

Diving into Mastery Guidance for Educators

Each activity sheet is split into three sections, diving, deeper and deepest, which are represented by the following icons:



These carefully designed activities take your children through a learning journey, initially ensuring they are fluent with the key concept being taught; then applying this to a range of reasoning and problem-solving activities.

These sheets might not necessarily be used in a linear way. Some children might begin at the 'Deeper' section and in fact, others may 'dive straight in' to the 'Deepest' section if they have already mastered the skill and are applying this to show their depth of understanding.

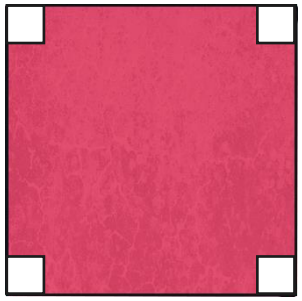
National Curriculum Objective(s)

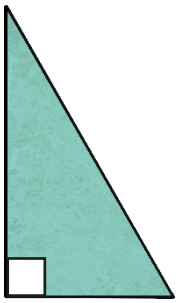
- Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle.

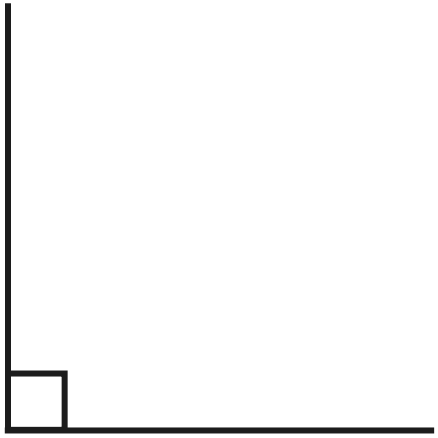
Recognise Right Angles in Shapes

Diving

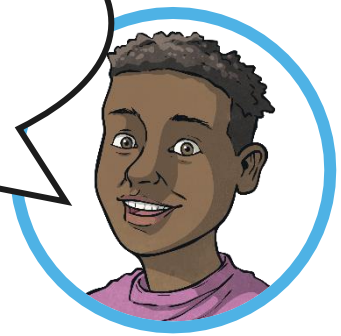
Look at these shapes.



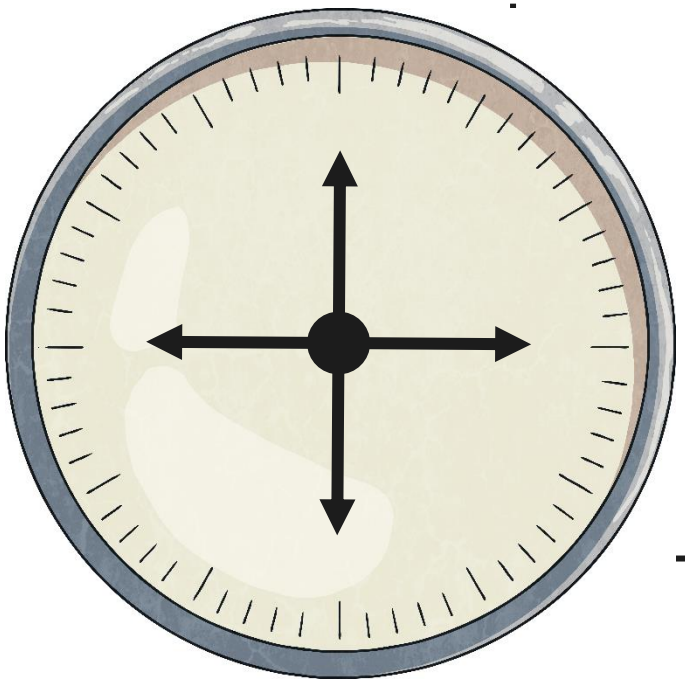


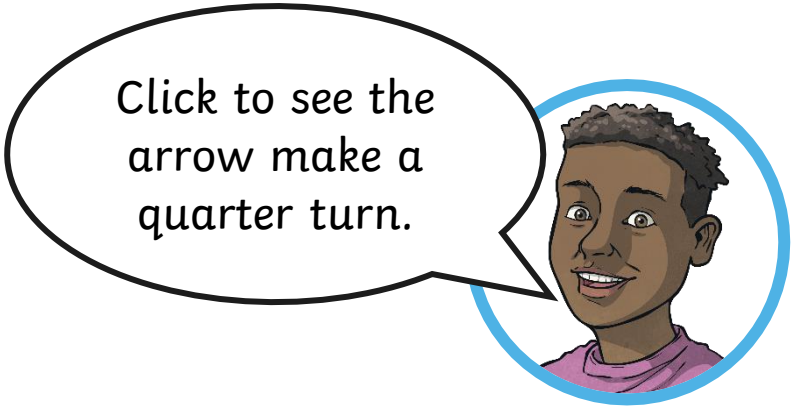


They each have a special type of angle called a **right angle** in one or more of their corners.



We can also think of a right angle as a quarter turn.

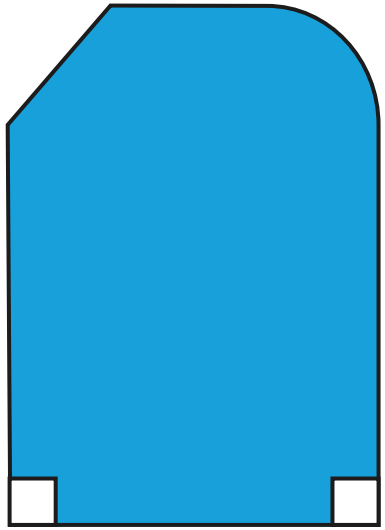


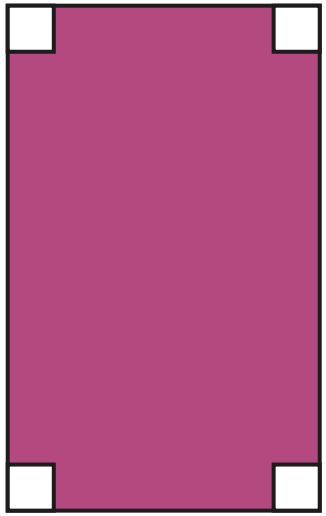


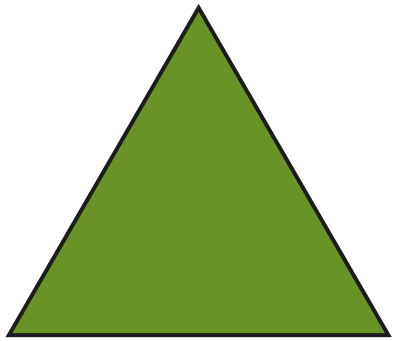
Recognise Right Angles in Shapes

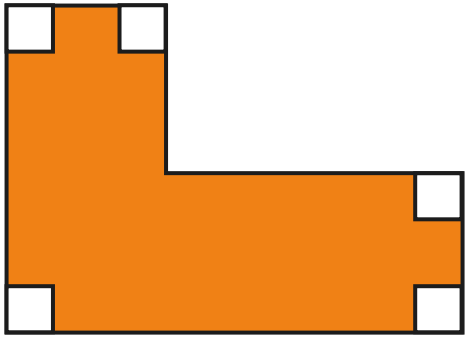
Diving

Can you see any shapes here that have right angles in them?





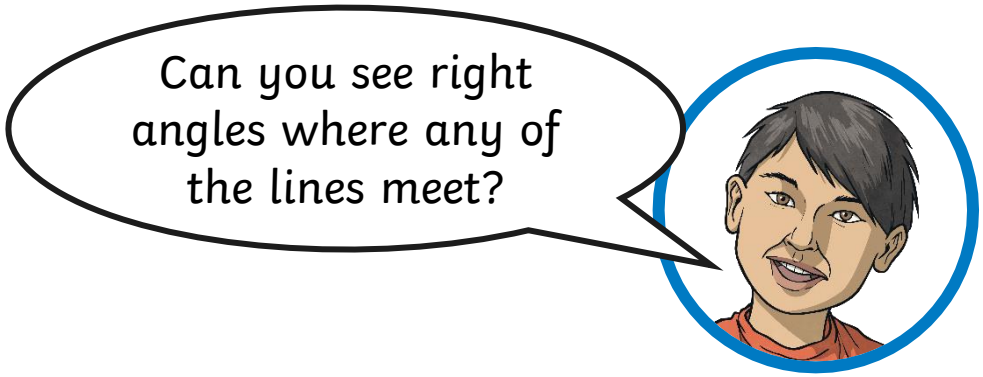




Recognise Right Angles in Shapes

Deeper

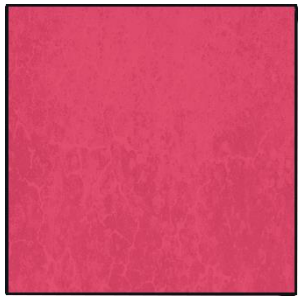
Look at these letters:

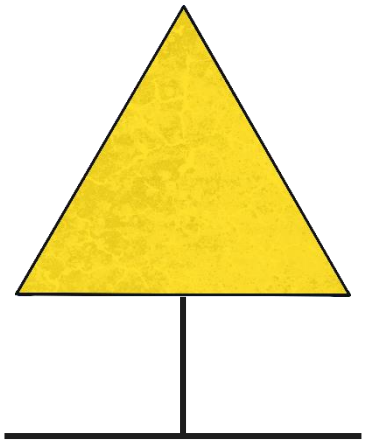


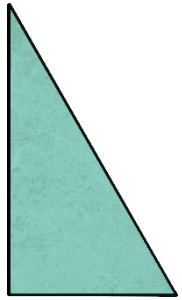
Recognise Right Angles in Shapes

Deeper

One of these shapes is different to the others:





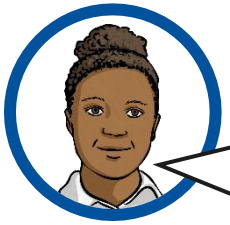


This triangle is the only shape without a right angle.

Recognise Right Angles in Shapes

Deepest

Three children have drawn a shape each.
Can you match the child to their shape from their descriptions?



Penny

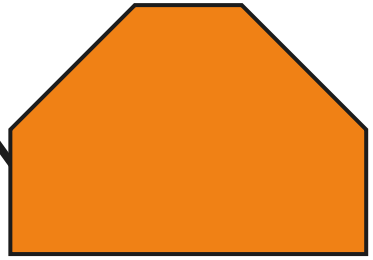
My shape has half the number of right angles that Joseph's has.

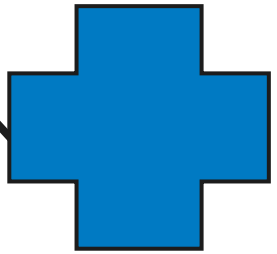
Angelina

My shape has as least double the number of right angles that Joseph's shape has.

Joseph

My shape has the same number of right angles as a square.

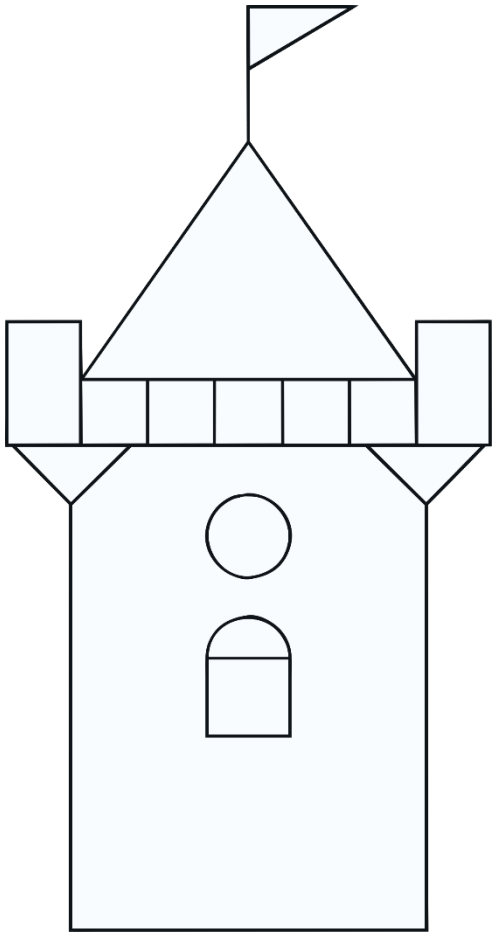


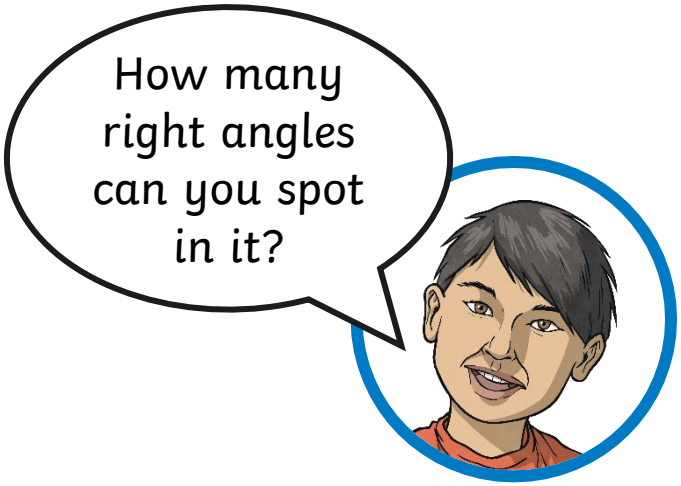


Recognise Right Angles in Shapes

Deepest

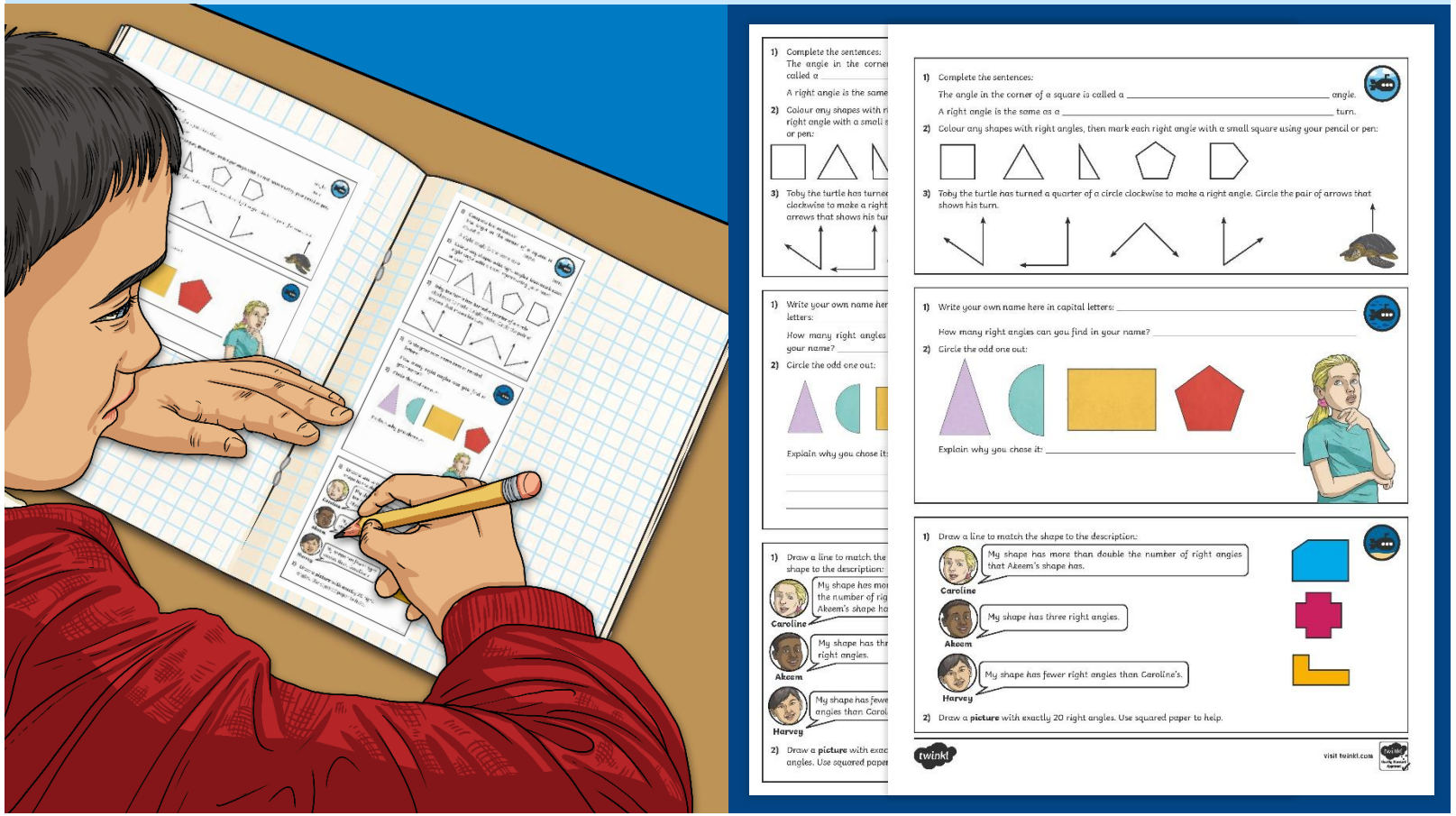
Look at this picture.





Recognise Right Angles in Shapes

Dive in by completing your own activity!

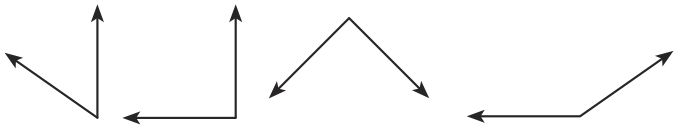


1) Complete the sentences:
The angle in the corner of a square is called a _____ angle.

A right angle is the same as a _____ turn.

2) Colour any shapes with right angles, then mark each right angle with a small square using your pencil or pen:

3) Toby the turtle turned a quarter of a circle clockwise to make a right angle. Circle the pair of arrows that shows his start and end.



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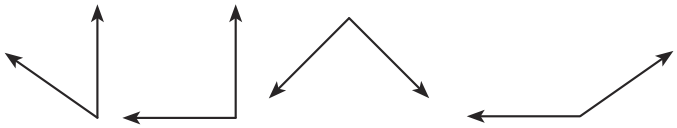


1) Write your own name here in capital letters: _____

How many right angles can you find in your name? _____

2) Circle the odd one out:

Explain why you chose it:

_____

_____

_____

1) Write your own name here in capital letters: _____

How many right angles can you find in your name? _____

2) Circle the odd one out:

Explain why you chose it:

_____

_____

_____

1) Draw a line to match the shape to the description:

My shape has more than double the number of right angles that Akeem's shape has.

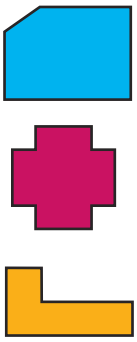
Caroline

My shape has three right angles.

Akeem

My shape has fewer right angles than Caroline's.

Harvey



2) Draw a **picture** with exactly 20 right angles. Use squared paper to help.

1) Draw a line to match the shape to the description:

My shape has more than double the number of right angles that Akeem's shape has.

Caroline

My shape has three right angles.

Akeem

My shape has fewer right angles than Caroline's.

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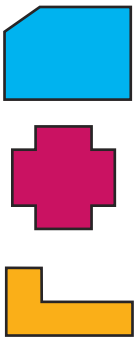

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