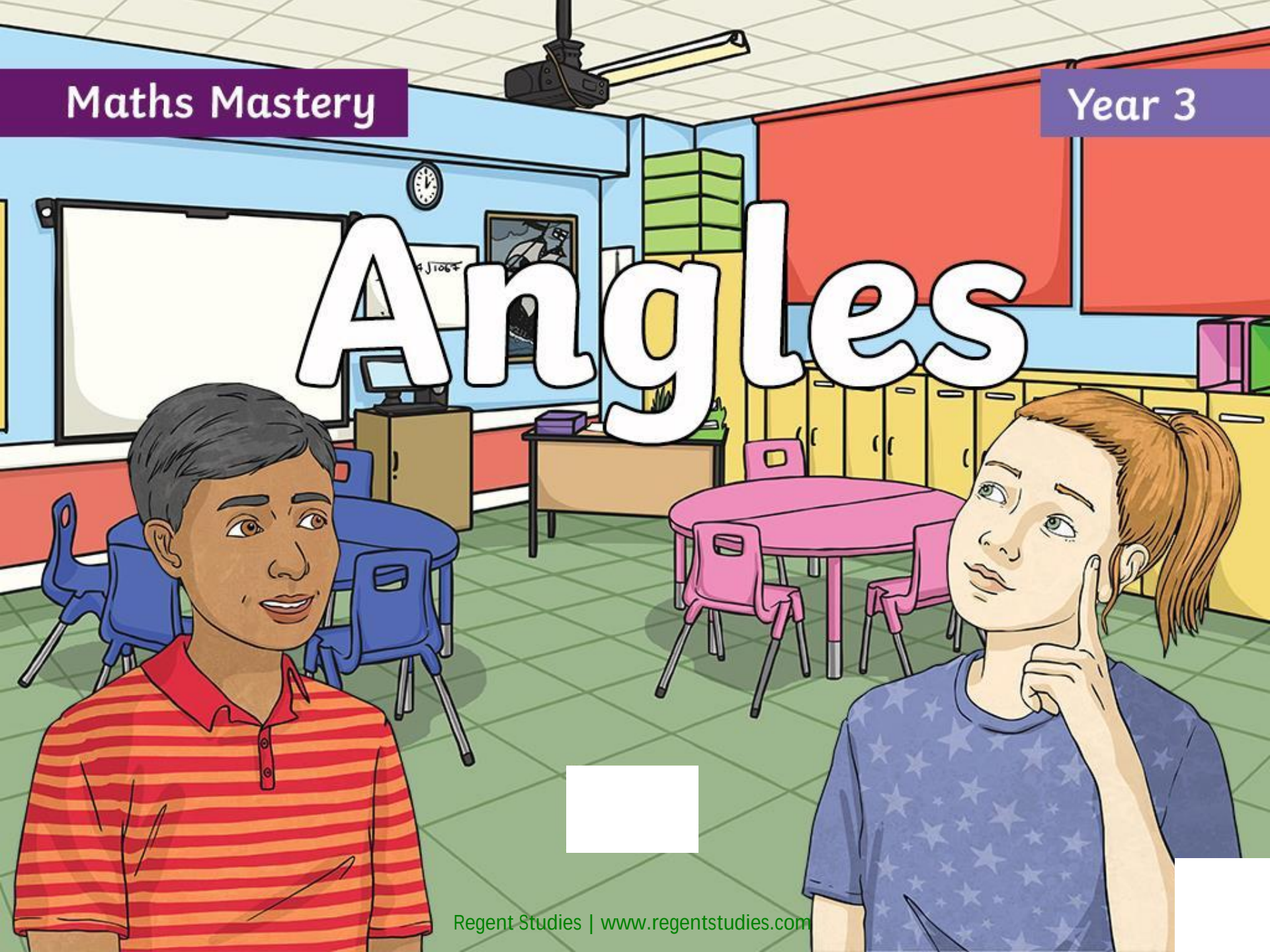

Maths Mastery
Year 3
Angles
Regent Studies | www.regentstudies.com

What Is an Angle?

Mariam and Ruby work together to explain what an angle is.

Mariam says, “An angle is a corner.”

How would you improve Mariam's definition?

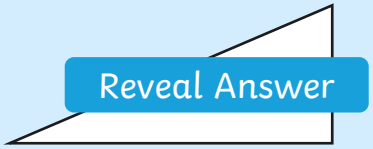
An angle is Reveal Answer **of a turn.**

Work together to write your own explanation.

Angles in Shapes

Mariam asks Mohammed to draw shapes with the following angles. Draw these:

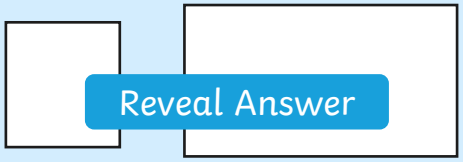
A shape with a right angle and two other angles.



Reveal Answer

A right-angled triangle.

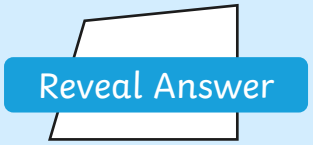
A shape with four right angles.



Reveal Answer

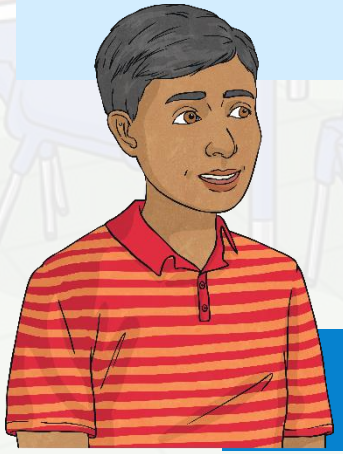
A rectangle (including a square).

A shape with one right angle and three other angles.



Reveal Answer

A quadrilateral with one right angle.



Work with a partner to repeat the activity.

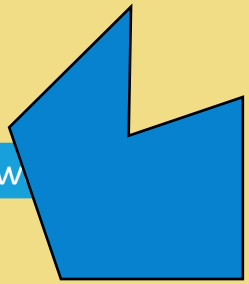
Angles

Are these statements **true** or **false**?
Discuss them with a partner and fully explain your reasoning.

A hexagon cannot have a right angle.

False. A hexagon could be irregular with a 90° angle.

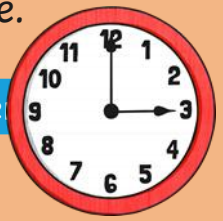
Reveal Answer



When the hands of a clock show 3 o'clock, the angle created is a right angle.

True. This is a quarter turn of 90°.

Reveal Answer



A three-quarter turn is made up of three right angles.

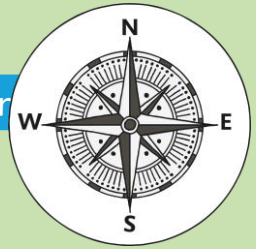
True. A three-quarter turn is 270°. This is 3 lots of 90°.

Reveal Answer

Moving from north to west in a clockwise direction is a quarter turn.

False. This is a three-quarter turn.

Reveal Answer



Regent Studies | www.regentstudies.com