Shape features and classification

Learn and practise | Free preview

A sample from this topic. The complete topic collection contains three different resources and worked solutions.

Show your thinking using words, working or a labelled drawing. Use the explanations and example first.

What you will practise

• Shape features and classification

• Explain and check an answer with an appropriate representation.

Useful starting skills: Use objects, drawings or a number line to explain a simple idea.

Classify a shape or object using its properties, such as sides, corners, faces, edges and curved surfaces. Its colour, size or direction does not determine its name.

Compare examples and non-examples. Build or draw different representatives of a category, then explain what all members share and what can vary.

Worked example

Is a rotated square still a square?

Check its four equal sides and four right angles.

These properties stay unchanged after turning.

Answer: Yes

Try it yourself

Name: _____ Date: _____

1. Draw a triangle and count its sides and vertices.

2. Name one feature a square and a rectangle share.

Answers and explanations

Check the method as well as the final answer. An alternative correct method is also valid.

1. 3 sides and 3 vertices

A triangle is a closed polygon with three straight sides.

2. Four right angles; opposite sides parallel

A square is a special rectangle with all four sides equal.

Curriculum reference: VC2M2SP01

Independent original resource. Not published or endorsed by VCAA. This focused set supports the listed skills; it is not a complete course or an official assessment.

This free preview may be shared intact with attribution. Not for sale.