Matching features 1 (page 10)

Have a go

1 Accept any four sensible answers, which could include the following:
All use the same line style for the three shapes within each figure
All have a circle as the innermost shape
All have a circle as the outermost shape
All have diagonal line shading on inner circle
In all of them the outermost circles are the same size

2 Accept any four sensible answers, which could include the following:
All have three lines making a zig-zag
All have solid lines for the zig-zag
All have a solid line in a curve
All have a circle crossing the curved line
All have half the circle shaded black
All have a short straight line across one end of the curved line

3 Accept any four sensible answers, which could include the following:
All within a curved irregular shape
Outline shape is always a solid line style
All have two white shapes within the outline
One of the inner shapes is half the other
Inner shapes have a solid line style
All have the same number of black circles as there are short lines on the curved line

4 d the two angles along the zig-zag line are outside the triangle
e the triangle has two dashed lines

Test yourself

1 e **shape** – (a) outline shape is a quadrilateral, (b) shape of intersecting shape across side of quadrilateral is the same as the shape inside it; **number** – there are three elements in addition to the quadrilateral

2 c **number** – zig-zag made up of three parts; **line style** – one part of zig-zag is a dashed line; **shape** – a C-shaped curve crosses the zig-zag in three places
Distractors: **size** – length of zig-zag sections; **shape** – arrowhead style; **proportion** – of lines and angles within the zig-zags

3 d **number** – (a) total of white circles is same as number of black spots, (b) total number of crosses is same as number of black spots
Distractors: **proportion** – (a) of crosses in first and third squares, (b) of white circles in first and third squares

4 d **size** – one half of circle shaded
Distractors: **number** – of sections within the circle; **size** – of the sections within each circle; **shading** – style of shading of sections

Try it out

For example, **b** has a rectangle and a square rather than two squares.