

Name: _____ Date: _____

Who has which shape?

Solve problems about 3-D shapes

You will need:

- red, orange, yellow, green, blue and purple coloured pencils
- 3-D shapes – cuboid, cube, pyramid, sphere, cylinder, cone

Dexter, Madison and Ying each have a different 3-D shape. Who has which shape and what colour is it?

- The shapes are a cuboid, a sphere and a pyramid.
- The colours are green, red and yellow.
- Madison's shape is a pyramid. It is not yellow.
- Dexter's shape is red. It is not a cuboid.



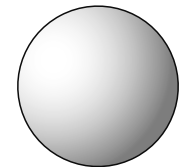
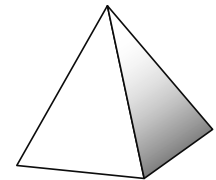
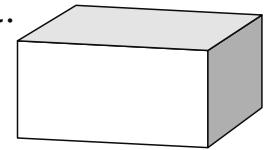
Dexter



Madison



Ying



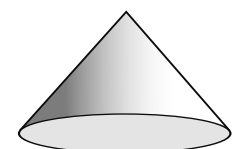
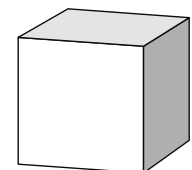
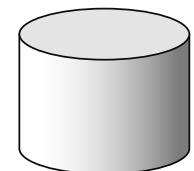
Naisha



Sam



Rosie



Naisha, Sam and Rosie each have a different 3-D shape. Who has which shape and what colour is it?

- The shapes are a cube, cone and cylinder.
- Naisha's shape is purple.
- The colours are purple, blue and orange.
- Rosie's shape is a cylinder. It is not orange.
- Sam's shape is not a cone.

Teacher's notes

Children use the clues to identify which child has which 3-D shape and what colour it would be. They draw a line to join each child to their shape and then colour the shape. Provide reading support and prompt children, if necessary, to read each set of four clues and pick out the coloured pencils and 3-D shapes involved.