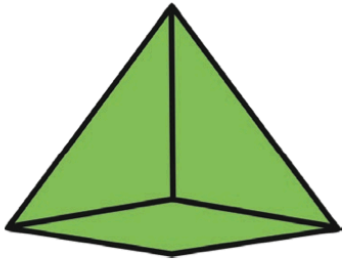
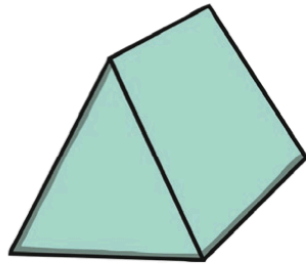


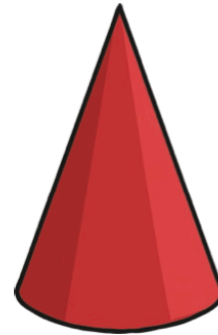
SHAPE LESSON 8



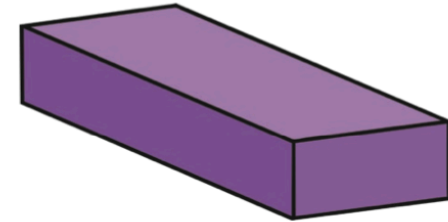
square-based pyramid



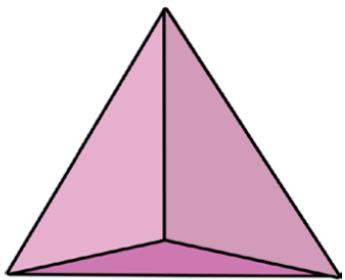
triangular prism



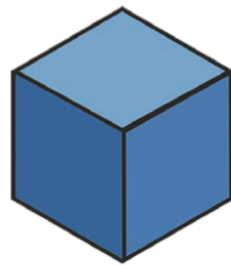
cone



cuboid



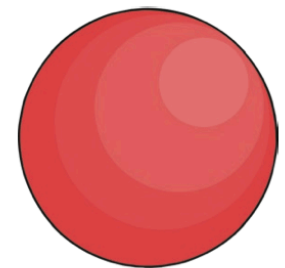
tetrahedron



cube



cylinder



sphere

RECALL

What shapes can you see around the classroom? Can you see 2D shapes? Can you see 3D shapes? What is the difference between 2D and 3D shapes?



Look for simple shapes first. What shape is the whiteboard?

What 2D shapes can you see on 3D shapes? How does this affect the shape?



TO RECOGNISE 3D SHAPES AND THEIR PROPERTIES - FACES

Date Learning ladder ref


GUIDED PRACTICE



- 1 a) Ben paints every face of the box a different colour.
How many colours will he need?
- b) Describe the shape of each face.



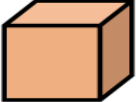
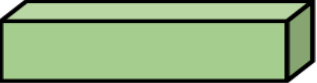

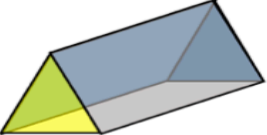
Imagine what shape it is. How many faces can you see? How many might be hiding?



What 3D shape is this? How many faces does it have? How do you know? What 2D shapes can you see on the 3D shape?

INTELLIGENT PRACTICE



Shape	Name of shape	Number of flat faces	Draw the faces
			
			
			
			



Use the resources to help you!




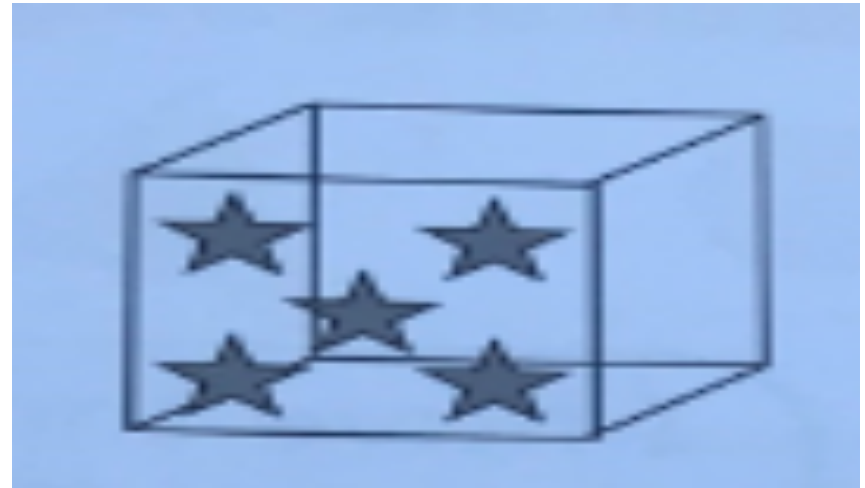
What is a net? How might this help you solve these problems?

DIVE DEEPER

Miss Lamb is putting stickers on her cube to decorate it.

She is going to put 5 on every face.

How many stickers will she use altogether?



If you need 5 stickers for 1 face, how many would you need for 2 faces?



How did you work it out? Explain it to your partner.