

Fluency

1 What 2D shapes can you see on each face?

3D Shape	2D shapes on its faces
cube	
cuboid	
cylinder	
triangular prism	

2 Write the number of vertices.



- cube: _____
- cone: _____
- sphere: _____
- square-based pyramid: _____
- cylinder: _____

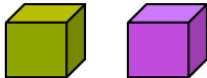
Word Problem

3 A shop displays 3 cubes and 2 square-based pyramids. How many vertices altogether?

- cubes: $3 \times = \underline{\quad} = \underline{\quad}$
- pyramids: $2 \times = \underline{\quad} = \underline{\quad}$
- total = _____ vertices

4 Jack stacks 2 cubes on top of each other. How many faces can you see? How many are hidden?

- Faces you can see: _____
- Hidden faces: _____



Reasoning

5 Spot the mistake!

Liam says: "A cylinder has 3 faces, 2 edges, and 2 vertices."

What is wrong? Explain your answer.