

Arithmetic

1. $92 + 60$

2. $3,281 - 600$

3. 4×6

4. $90 \div 9$

Practice: Recognise and Describe 3D Shapes

5. Recap: What is the difference between a 3D shape and 2D shape?



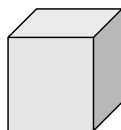
6. Describe the shape.

This shape is a ?. It has ? faces, ? edges and ? vertices. 2 of its faces are ?.

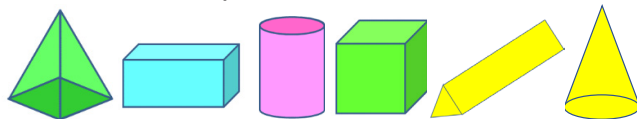


7. Describe the shape.

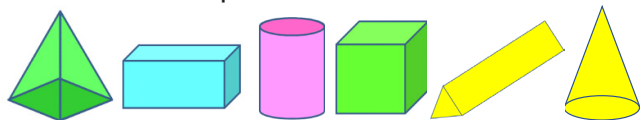
This shape is a ?. It has ? faces, ? edges and ? vertices. All its faces are ?.



8. Circle the shapes that have 6 or more vertices.



9. Circle the shapes that have 5 faces.

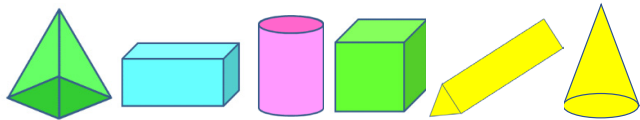


10. Define these terms to describe 3D shapes

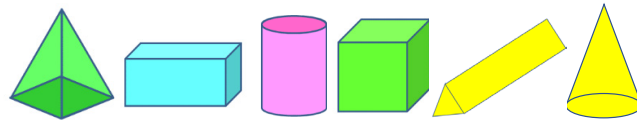
faces, edges, vertices



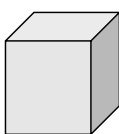
11. Circle the shapes with quadrilateral faces.



12. Circle the shapes with 9 or more edges.



13. Frida says the cube has 3 faces. Explain her mistake.



Challenge

14. A shape has a rectangular face.

What could the shape be (give more than one answer)?

What are the properties of the shapes you have named?



You might want
to talk to an adult



Spot the mistake

Answers

Q no.	Question	Answer
1	$92 + 60$	152
2	$3,281 - 600$	2.681
3	4×6	24
4	$90 \div 9$	10
5	What is the difference between a 3D shape and 2D shape?	A 3D shape has three dimensions (width, length, height) but a 2D shape only has two dimensions (length and height).
6	Describe the shape.	cylinder, 3, 2, 0, circles
7	Describe the shape.	cube, 6, 12, 8, square
8	Circle the shapes that have 6 or more vertices.	Shapes 2, 4, 5
9	Circle the shapes that have 5 faces.	Shapes 1 and 5
10	Define these terms to describe 3D shapes	Faces - a face is the surface area that can be described using 2D shapes. Edges - an edge is where faces meet Vertices - a vertex is where three or more faces meet
11	Circle the shapes with quadrilateral faces.	Shapes 1, 2, 3, 4, 5
12	Circle the shapes with 9 or more edges.	Shapes 2, 4, 5
13	Frida says the cube has 3 faces. Explain her mistake.	Frida has only counted the faces she can see in the picture. She has not been able to visualise the shape and identify its properties. A cube has 6 faces.
14	A shape has a rectangular face. What could the shape be (give more than one answer)? What are the properties of the shapes you have named?	Cuboid, cylinder and any prism with rectangular faces (e.g. triangular prism, pentagonal prism, hexagonal prism). Properties should reflect the shapes named.