Multiple choice questions - Properties of 2D and 3D shapes

Year: Year 2 · 10

Question 1 How many sides does a hexagon have?

- ◯ **A.** 6
- ◯ **B.** 5
- ◯ **C.** 8
- ◯ **D.** 4

Question 2 How many faces does a cube have?

- ◯ **A.** 4
- ◯ **B.** 6
- ◯ **C.** 8
- ◯ **D.** 12

Question 3 Which shape has no vertices?

- ◯ **A.** cube
- ◯ **B.** cone
- ◯ **C.** sphere
- ◯ **D.** pyramid

Question 4 What shape is the face of a cube?

- ◯ **A.** circle
- ◯ **B.** triangle
- ◯ **C.** rectangle
- ◯ **D.** square

Question 5 How many vertices does a square-based pyramid have?

- ◯ **A.** 5
- ◯ **B.** 4
- ◯ **C.** 6
- ◯ **D.** 8

Question 6 A tin of soup is the shape of a ...

- ◯ **A.** cone
- ◯ **B.** cylinder
- ◯ **C.** cube

- ◯ **D.** sphere

Question 7 How many sides does a pentagon have?

- ◯ **A.** 6
- ◯ **B.** 4
- ◯ **C.** 5
- ◯ **D.** 3

Question 8 How many edges does a cuboid have?

- ◯ **A.** 8
- ◯ **B.** 6
- ◯ **C.** 10
- ◯ **D.** 12

Question 9 Which 2D shape has 8 sides?

- ◯ **A.** octagon
- ◯ **B.** hexagon
- ◯ **C.** pentagon
- ◯ **D.** square

Question 10 A ball is the shape of a ...

- ◯ **A.** circle
- ◯ **B.** sphere
- ◯ **C.** cylinder
- ◯ **D.** cone

Answer grid - Properties of 2D and 3D shapes

Year: Year 2

Question	Answer	Explanation
1	**A**	Hexa means 6.
2	**B**	6 square faces.
3	**C**	A sphere is round all over.
4	**D**	All six faces are squares.
5	**A**	4 at the base and 1 at the top.
6	**B**	It has 2 circles and a curved face.
7	**C**	Penta means 5.
8	**D**	A cuboid has 12 edges.
9	**A**	Octa means 8.
10	**B**	A ball is a 3D shape.