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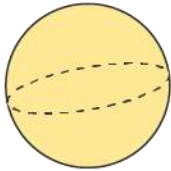
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## Solid Shapes Worksheets



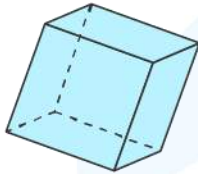
- 1) The globe \_\_\_\_\_ resembles the 3d shape \_\_\_\_\_.  
a) Sphere                      b) hemisphere                      c) circle

2) Match the names with the 3d shape.



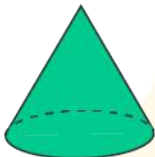
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• Pyramid



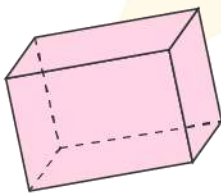
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• Cone



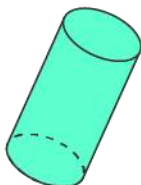
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• Sphere



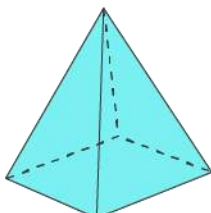
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• Cylinder



•

• Cube



•

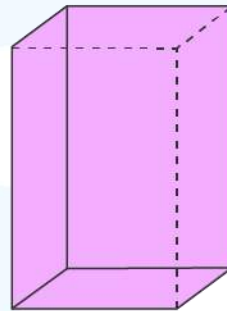
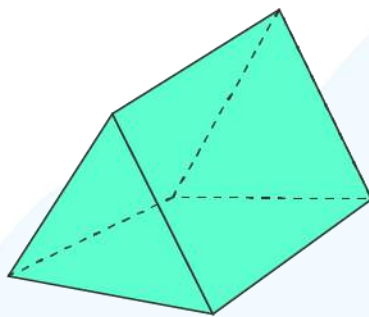
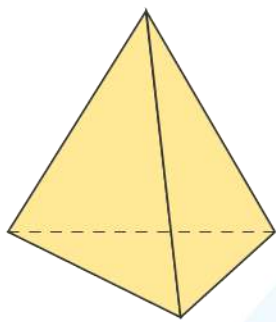
• Cuboid

3) Classify the solid shapes under the respective columns.

[Cube sphere prism cuboid cone cylinder pyramid]

That can roll only	That can slide only

4) Look at the solid shapes below and complete the table.



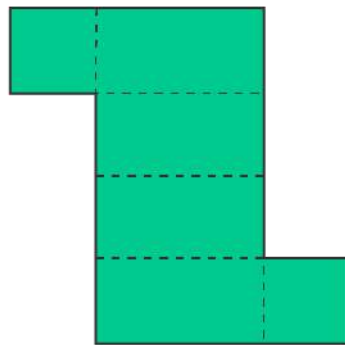
Name	Object(name any)	description
		3 rectangular faces 2 triangular faces
		4 rectangular faces And 2 square faces
		4 triangular faces

5) I am a solid shape. I have no vertex. I have flat faces too. Who am I?

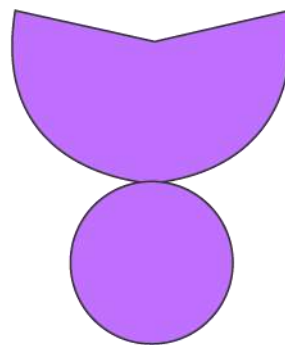
a) Cone      b) sphere      c) cylinder

6) Which among the following could be the net of the cuboid?

a)



b)

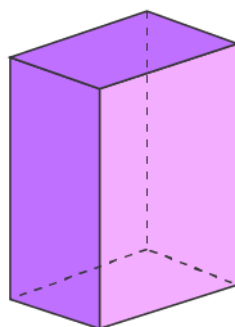


7) Match the description with the solid shape.

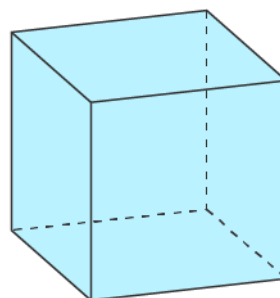
1	6 faces	a	sphere
2	2 faces	b	prism
3	1 face	c	cube
4	3 faces	d	cone
5	5 faces	e	cylinder

8) Which of these has not all its faces the same?

a)



b)



9) Which among these objects fit into the description?

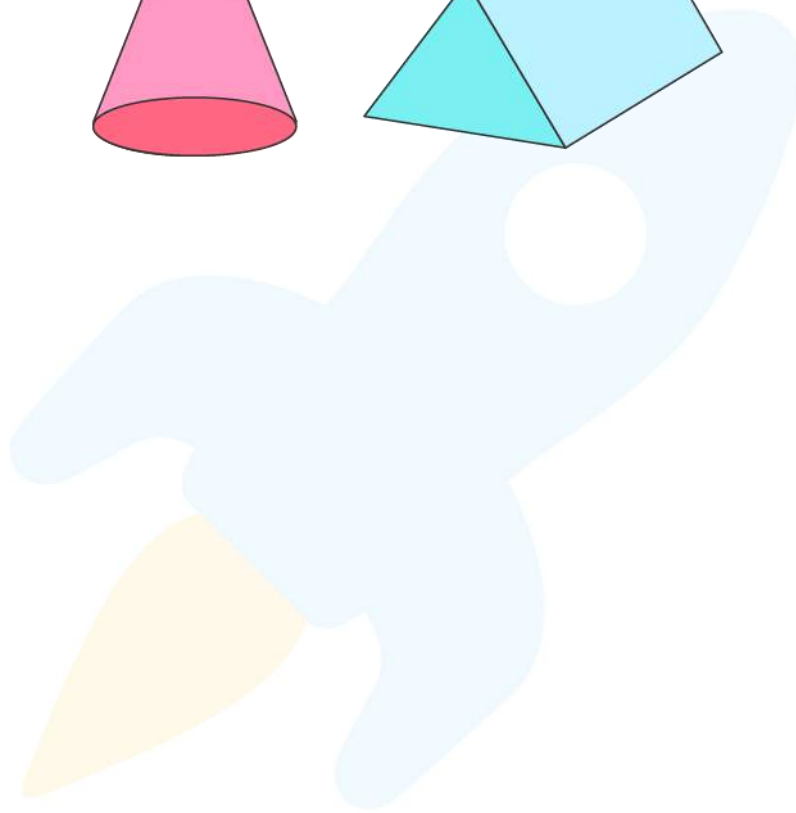
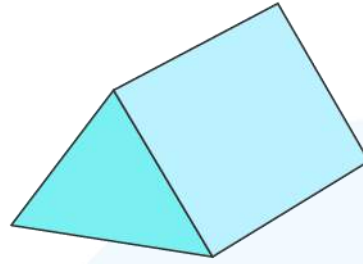
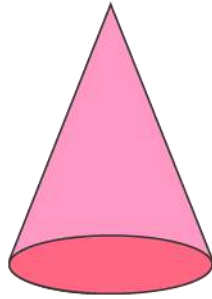
A solid shape with 6 edges, 4 vertices and 4 faces

a) Pyramid      b) candle      c) match box

10) Which of these shapes has only flat faces?

a)

b)



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- Barbara Cabrera

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**ANSWERS**

1)	Sphere
2)	Sphere Cube Cone Cuboid Cylinder pyramid
3)	Sphere, Cone and cylinder roll Prism, cube, cuboid and pyramid slide
4)	Prism, cuboid, pyramid
5)	Option c
6)	Option a

7)	<ol style="list-style-type: none"><li>1. c</li><li>2. d</li><li>3. a</li><li>4. e</li><li>5. b</li></ol>
8)	Option a
9)	Option a
10)	Option b



## FUN FACT

1. A sphere can be divided into 2 hemispheres.
2. Euler's formula is applied on any polyhedron.  
$$\text{Faces} + \text{vertices} - \text{edges} = 2$$
3. Rhombicosidodecahedron has  
20 regular triangular faces,  
30 square faces,  
12 regular pentagonal faces,  
60 vertices, and 120 edges.

