



**THIRD SPACE
LEARNING**

3D Shape Check for Understanding

A 10 question retrieval quiz for
students in grades 1, 5 and 6.

Grades 1, 5 and 6

Questions

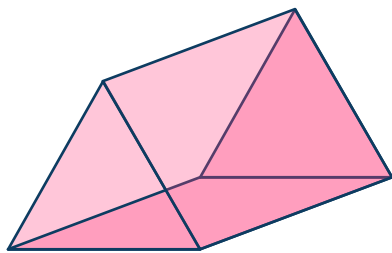
Name:

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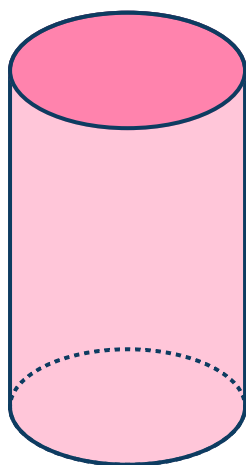
Score:

- 1 What is the best name for the 3D shape below?



Answer

- 2 Circle the name of the 3D shape shown below.



Cylinder

Sphere

Prism

Cone

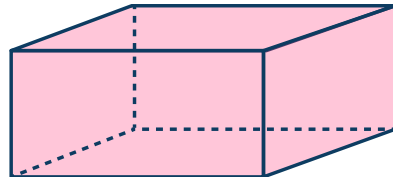
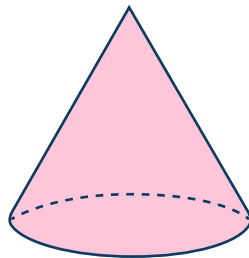
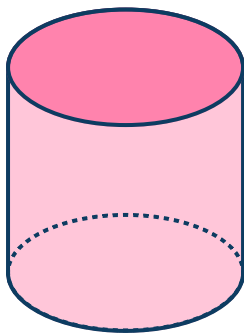
- 3 How many vertices does a triangular prism have?

Answer

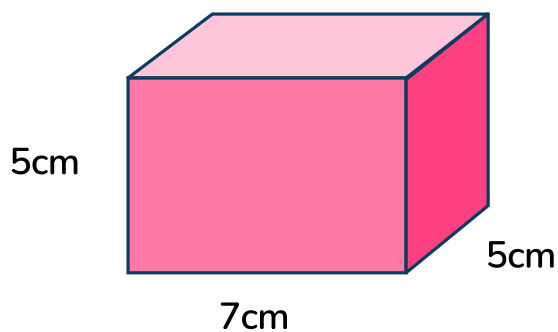
4 What is a prism?

Answer

5 Shane drew a 3D shape with a circular base and 1 curved lateral surface. Circle the shape he drew.



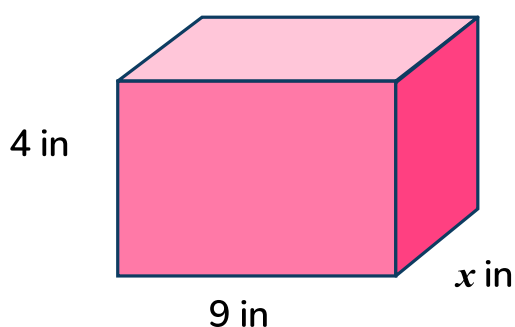
6 What is the volume of the rectangular prism?



Answer

7 The volume of a rectangular prism is 108 in^3 . Determine the value of x .

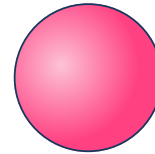
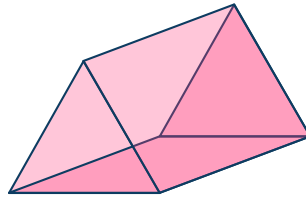
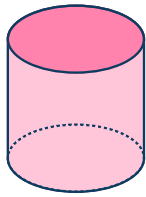
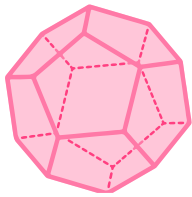
Answer



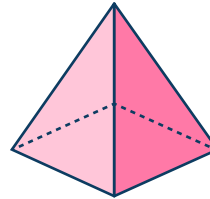
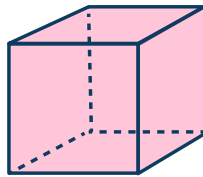
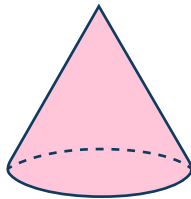
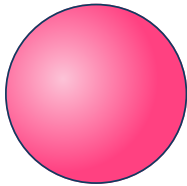
8 What is the difference between polyhedra and non-polyhedra shapes?

Answer

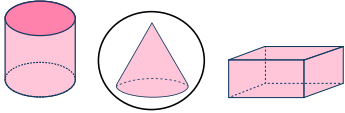
9 Which shapes are examples of polyhedra? Circle all that apply





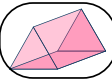





10 Which shape is an example of a Platonic solid?



Answers

Question number	Question	Answers	Standard
1	What is the best name for the 3D shape below?	Triangular prism	1.G.A.2
2	Circle the name of the 3D shape shown below.	Cylinder	1.G.A.2
3	How many vertices does a triangular prism have?	6 vertices (corners)	1.G.A.2
4	What is a prism?	A prism is a polyhedron that has congruent cross-sections.	1.G.A.2
5	Shane drew a 3D shape with a circular base and 1 curved lateral surface. Circle the shape he drew.		1.G.A.2
6	What is the volume of the rectangular prism?	175 cm^3	5.MD.C.5b
7	The volume of a rectangular prism is 108 in^3 . Determine the value of x .	$x = 3 \text{ in.}$	5.MD.C.5b
8	What is the difference between polyhedra and non-polyhedra shapes?	Polyhedra shapes have polygonal faces, edges and vertices. Non-polyhedrons do not have polygonal faces.	6.G.A.4

Check for Understanding | 1st, 5th and 6th Grade | 3D Shape | Answers




Question number	Question	Answers	Standard
9	Which shapes are examples of polyhedra? Circle all that apply.	   	6.G.A.4
10	Which shape is an example of a Platonic solid?	   	6.G.A.4

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