MATH

3D shapes

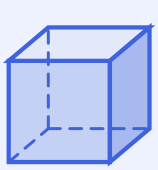


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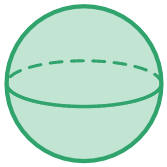
I can name cubes, spheres, cones, cylinders, prisms and pyramids.

1 Meet the solid shapes

Solid shapes are 3D: you can hold them.



Cube
like an ice cube



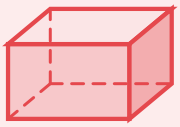
Sphere
like a ball



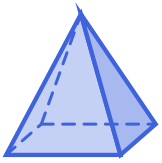
Cone
like an ice cream cone



Cylinder
like a can

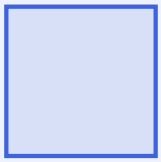


Rectangular prism
like a box

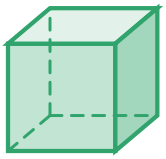


Pyramid
has a square base and a point

2 Flat or solid?



A flat shape (2D) is drawn on paper.
You can only see one side of it.



A solid shape (3D) takes up space.
You can hold it and turn it around.

How did I do?

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MATH · 3D SHAPES

Match the object to its shape



Name _____ Date _____

I can name solid shapes in the world around me.

1 Draw a line from each object to its shape











- Rectangular prism
- Cylinder
- Cone
- Cube
- Sphere

How did I do? ☆ ☆ ☆

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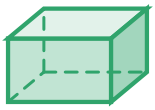
Flat or solid?

Name _____ Date _____

I can tell flat (2D) shapes from solid (3D) shapes.

1 Tick flat or solid for each shape


☐ flat ☐ solid


☐ flat ☐ solid

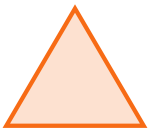

☐ flat ☐ solid

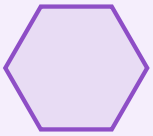

☐ flat ☐ solid


☐ flat ☐ solid


☐ flat ☐ solid


☐ flat ☐ solid


☐ flat ☐ solid


☐ flat ☐ solid


☐ flat ☐ solid

2 Which flat shape is on the bottom? Circle it.













How did I do? ☆ ☆ ☆

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MATH · 3D SHAPES

Word problems

Name _____ Date _____

I can use what I know about shapes to solve problems.

1 Read, think, answer

Draw the shapes to help you.

1 Mia kicks a ball. What solid shape is a ball?



Answer: _____

2 A box has 6 flat faces. Sam has 2 boxes. How many flat faces are there in all?



Answer: _____

3 Which shape can roll: a cube or a cylinder?



Answer: _____

4 I have one flat face shaped like a circle and one point. What am I?



Answer: _____

How did I do? ☆ ☆ ☆

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FOR TEACHERS AND PARENTS

Answer key: 3D shapes

1 Page 1

Meet the solid shapes: talk about where you see each one at home.

2 Page 2

ball: sphere, can: cylinder, icecream: cone, cube: cube, box: rectangular prism.

3 Page 3

Flat: rectangle, circle, triangle, hexagon, square. Solid: cylinder, rectangular prism, cube, cone, sphere.
Bottom faces: cube: square, cylinder: circle, pyramid: square, cone: circle.

4 Page 4: word problems

1) a sphere
2) 12 faces (2 x 6)
3) the cylinder (it has a curved surface)
4) a cone

5 Teaching tip 💡

Fill a bag with a ball, a can, a box and a party hat. Children reach in, feel one shape without looking, and name it.

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