

Freddie's Frog Pond

Grade 1 • Naming solid shapes • 1.6E

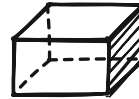
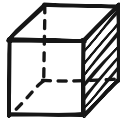
Name _____

Date _____



Freddie the frog lives in a busy pond full of bugs, lily pads and friends. Solve each problem to help Freddie out!

Sort the solids Circle every solid that has only flat faces.



Name the solids

Use: sphere, cone, cylinder, cube, rectangular prism, triangular prism.













Faces, edges, vertices

Count the flat faces, straight edges and vertices (corners), even the hidden ones.

Solid	Flat faces	Edges	Vertices
 rectangular prism			
 cube			
 sphere			



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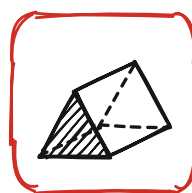
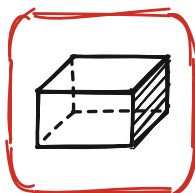
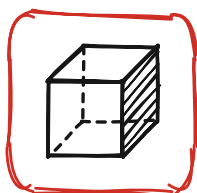
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ANSWER KEY



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Name the solids

Use: sphere, cone, cylinder, cube, rectangular prism, triangular prism.



cone



cube



triangular prism



rectangular prism



cylinder



sphere

Faces, edges, vertices

Count the flat faces, straight edges and vertices (corners), even the hidden ones.

Solid	Flat faces	Edges	Vertices
 rectangular prism	6	12	8
 cube	6	12	8
 sphere	0	0	0



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GUIDE

1 What this sheet practises

Naming spheres, cones, cylinders, cubes, rectangular prisms and triangular prisms, and describing them by their flat faces, edges and vertices.

2 A problem from the sheet, worked out

Name the solids Use: sphere, cone, cylinder, cube, rectangular prism, triangular prism.



cone



cube



triangular prism



rectangular prism



cylinder



sphere

How: Look at the faces first: all flat, some curved, or none. Then count edges (where two faces meet) and vertices (corners).

3 Words to know

face a flat side of a solid

edge where two faces meet

vertex a corner where edges meet

prism a solid with the same shape at both ends

4 Watch for

- Calling a sphere a circle, or a cube a square.
- Forgetting the faces you can't see from the front.
- Mixing up cones and cylinders.

5 Where it fits

BEFORE

K.G.A.2

Name shapes whatever their size or which way they face.

THIS SHEET

1.6E

Name spheres, cones, cylinders, prisms and cubes and describe their faces, edges, corners.

NEXT

2.G.A.1

Recognize and draw shapes by their angles and faces.

6 Helping at home

Go on a shape hunt in the kitchen: a can is a cylinder, a cereal box is a rectangular prism. Count a box's faces together.

