

功课和练习 第15-4课 正方体

再看! You can tell if a shape is a cube by counting its faces, vertices, and edges. Number cubes are examples of real-life objects that are cubes.



Every cube has 6 equal square faces, 8 vertices, and 12 edges.



家庭活动 Have your child find an object at home that has a cube shape. Ask your child to describe the object including the number of faces, vertices, and edges.

These real-life objects are **NOT** cubes.



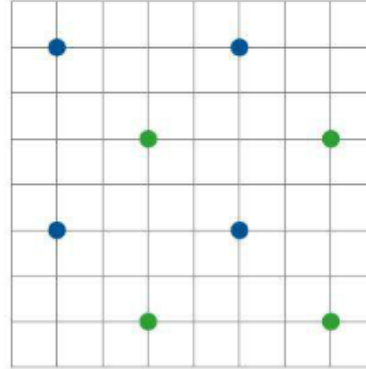
Tell whether each shape or object is a cube. If it is not a cube, tell what shape it is. Then explain how you know.

1.  _____

2.  _____

Use what you know about cubes to solve each problem.

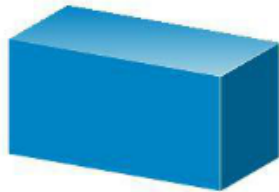
3. © **MP.7 Look for Patterns** You can make two squares to draw a cube.
1. Connect the 4 blue dots to make one square.
 2. Connect the 4 green dots to make another square.
 3. Connect each corner of the blue square to a like corner of the green square.



This is another way to draw a cube.



4. **Higher Order Thinking** Look at the solid figure below. Count the number of faces, vertices, and edges it has. Why is this figure **NOT** a cube?



_____ faces
 _____ vertices
 _____ edges

5. © **Assessment** Circle the shapes that are **NOT** cubes. Explain how you know.

