Cotuz

Name: Date:

# 2D and 3D Shapes by Attributes

Grade 1 · Ages 6-7 · Math · Geometry · ★★

Write the number of faces, flat faces, edges or vertices (corners) on the line. For a riddle, circle the solid shape it describes.

**1.** How many vertices (corners) does a cuboid have?

_____

**2.** How many flat faces does a cylinder have? _____

**3.** How many flat faces does a sphere have? _____

**4.** How many edges does a cuboid have? _____

**5.** How many flat faces does a cone have? _____

**6.** How many faces does a cuboid have? _____

**7.** How many faces does a cube have? _____

**8.** How many faces does a square pyramid have? _____

**9.** I have 2 flat faces that are circles, and I can roll. What am I?

(A) cone (B) cylinder
(C) sphere

**10.** How many vertices (corners) does a cube have? _____

**11.** How many vertices (corners) does a cylinder have?

_____

**12.** I have 5 vertices (corners), and I have a point at the top. What am I?

(A) square pyramid
(B) cube
(C) cone

**13.** How many vertices (corners) does a sphere have?

_____

**14.** I have 6 faces, and not all my faces are squares. What am I?

(A) cylinder (B) cube
(C) cuboid

**15.** How many vertices (corners) does a square pyramid have?

_____

**16.** I have 1 flat face that is a circle, and I have a point at the top. What am I?

(A) cylinder (B) cone
(C) sphere

**17.** I have 0 flat faces, and I can roll. What am I?

(A) sphere (B) cube
(C) cylinder

**18.** How many edges does a square pyramid have?

_____

**19.** I have 2 flat faces, and I have 0 vertices (corners). What am I?

(A) cube (B) cone
(C) cylinder

**20.** How many edges does a cube have? _____

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ANSWER KEY

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1. How many vertices (corners) does a cuboid have? **8**

2. How many flat faces does a cylinder have? **2**

3. How many flat faces does a sphere have? **0**

4. How many edges does a cuboid have? **12**

5. How many flat faces does a cone have? **1**

6. How many faces does a cuboid have? **6**

7. How many faces does a cube have? **6**

8. How many faces does a square pyramid have? **5**

9. I have 2 flat faces that are circles, and I can roll. What am I?
**Answer: (B) cylinder**

10. How many vertices (corners) does a cube have? **8**

11. How many vertices (corners) does a cylinder have? **0**

12. I have 5 vertices (corners), and I have a point at the top. What am I?
**Answer: (A) square pyramid**

13. How many vertices (corners) does a sphere have? **0**

14. I have 6 faces, and not all my faces are squares. What am I?
**Answer: (C) cuboid**

15. How many vertices (corners) does a square pyramid have? **5**

16. I have 1 flat face that is a circle, and I have a point at the top. What am I?
**Answer: (B) cone**

17. I have 0 flat faces, and I can roll. What am I?
**Answer: (A) sphere**

18. How many edges does a square pyramid have? **8**

19. I have 2 flat faces, and I have 0 vertices (corners). What am I?
**Answer: (C) cylinder**

20. How many edges does a cube have? **12**