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

2D and 3D Shapes by Attributes

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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**