

3D Shapes

Cubes, Cylinders, Cones & More · 19 problems · Grade 2

GRADE 2 · MATH

NAME _____ DATE _____ SCORE _____

Look at each 3D shape carefully. 3D shapes have *length, width, and height* — they take up space. Count the faces, edges, and vertices to identify them.

1 Name Each 3D Shape

1.



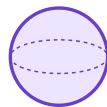
2.



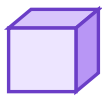
3.



4.



5.



6.



7.



8.



2 Faces, Edges & Vertices

9. A cube has _____ faces.

11. A cube has _____ vertices.

13. A cone has _____ flat face(s).

15. A rectangular prism has _____ faces.

10. A cube has _____ edges.

12. A cylinder has _____ flat faces.

14. A sphere has _____ vertices.

16. A square pyramid has _____ vertices.

3 Word Problems

17.

A soccer ball is shaped like a ____.

ANSWER _____

18.

A soup can is shaped like a ____.

ANSWER _____

19.

A party hat is shaped like a ____.

ANSWER _____

★ Challenge — find 3D shapes around you

20. Name something in your home shaped like a cube: _____

21. Name something shaped like a cylinder: _____

3D Shapes · Answer Key

GRADE 2 · MATH

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For teachers and parents. Use this answer key to check student work or for self-grading.

1 Name Each 3D Shape

1.



cube

2.



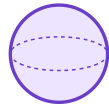
cylinder

3.



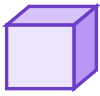
cone

4.



sphere

5.



rectangular prism

6.



pyramid

7.



cube

8.



cone

2 Faces, Edges & Vertices

9. A cube has 6 faces.11. A cube has 8 vertices.13. A cone has 1 flat face(s).15. A rectangular prism has 6 faces.10. A cube has 12 edges.12. A cylinder has 2 flat faces.14. A sphere has 0 vertices.16. A square pyramid has 5 vertices.

3 Word Problems

17.

A soccer ball is shaped like a ____.

ANSWER sphere

18.

A soup can is shaped like a ____.

ANSWER cylinder

19.

A party hat is shaped like a ____.

ANSWER cone

★ Challenge — find 3D shapes around you

20. Cube examples:

dice, ice cube, Rubik's cube21. Cylinder examples: can, glass, drum