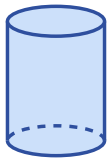
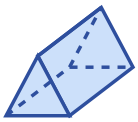
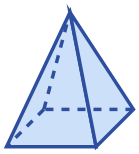
Name: _____ Date: _____

3D Shapes

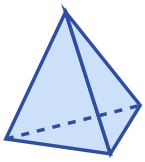
Grades 1 – 4 • 40 questions • Part A: name each 3D shape

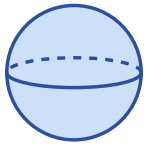
1. 

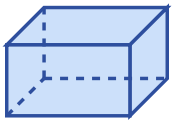
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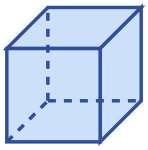
3. 

4. 

5. 

6. 

7. 

8. 

Part B • Count the faces, edges or vertices

9. Faces on a cube: _____

10. Edges on a cube: _____

11. Vertices on a square pyramid: _____

12. Faces on a triangular prism: _____

13. Edges on a rectangular prism: _____

14. Vertices on a triangular pyramid: _____

15. Faces on a square pyramid: _____

16. Edges on a triangular prism: _____

Faces, edges and vertices

A face is a flat surface. An edge is where two faces meet.
A vertex is a corner, where edges meet. More than one vertex are vertices.

Name: _____ Date: _____

3D Shapes

Part C • What am I? • Part D: which shape does each net make? • Part E: real objects • Part F: roll or stack

Part C • What am I?

17. I have 6 faces, and they are all squares. _____

18. I have 1 flat face, a circle, and a point. _____

19. I have no faces, edges or vertices. I am round all over. _____

20. I have 2 flat circle faces and 1 curved surface. _____

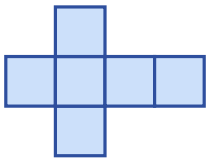
21. I have a square base and 4 triangle faces. _____

22. I have 2 triangle faces and 3 rectangle faces. _____

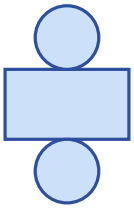
23. I have 4 faces, and they are all triangles. _____

24. I have 6 rectangle faces, not all squares. _____

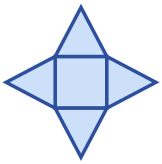
Part D • Which 3D shape does each net fold into?

25. 

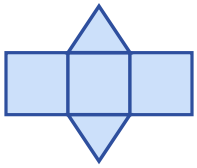
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26. 

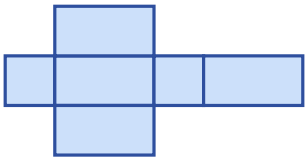
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27. 

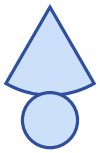
_____

28. 

_____

29. 

_____

30. 

_____

Part E • Name the 3D shape of each object

31. a can of soup: _____

32. a dice: _____

33. a basketball: _____

34. an ice cream cone: _____

35. a tissue box: _____

36. a tent: _____

Part F • Write yes or no

37. Can a sphere roll? _____

38. Can a cube roll? _____

39. Can a cylinder roll and stack? _____

40. Does a cube have flat faces? _____

Answer Key — 3D Shapes

1. cylinder
2. triangular prism
3. square pyramid
4. cone
5. triangular pyramid
6. sphere
7. rectangular prism
8. cube
9. 6
10. 12
11. 5
12. 5
13. 12
14. 4
15. 5
16. 9
17. cube
18. cone
19. sphere
20. cylinder
21. square pyramid
22. triangular prism
23. triangular pyramid
24. rectangular prism
25. cube
26. cylinder
27. square pyramid
28. triangular prism
29. rectangular prism
30. cone
31. cylinder
32. cube
33. sphere
34. cone
35. rectangular prism
36. triangular prism
37. yes
38. no
39. yes
40. yes