



Worksheet 47: Naming 3D Shapes & Real Objects

Year 1 Mathematics — AC9M1SP01

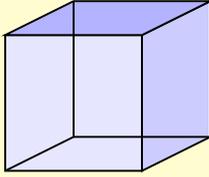
Name: _____ Date: _____





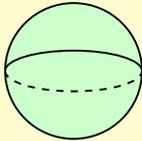
Section 1: Fluency — Match the Name

1. Look at this shape. Write the name of this shape.



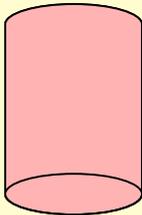
This shape is called a _____.

2. Look at this shape. Write the name of this shape.



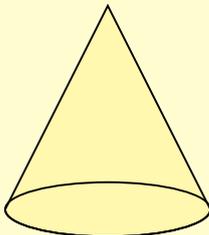
This shape is called a _____.

3. Look at this shape. Write the name of this shape.

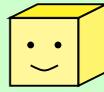


This shape is called a _____.

4. Look at this shape. Write the name of this shape.



This shape is called a _____.



3D Thinker!

Why did the cube go to school? To get more face time!





Section 2: Reasoning — Real World Sort

5. Draw a line to match each shape to its name.



Cone

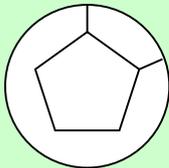


Sphere



Cube

6. Look at the picture of a soccer ball. What shape is it?



Circle the correct answer: **Sphere** or **Cube**

7. Look at the picture of a can of soft drink. What shape is it?



Circle the correct answer: **Cone** or **Cylinder**

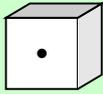
8. Look at the picture of a party hat. What shape is it?



Circle the correct answer: **Cone** or **Sphere**



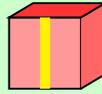
9. Circle the objects that are shaped like a cube.



Dice



Ball



Gift Box

10. Name two objects in your classroom that are shaped like a cylinder.

1. _____

2. _____



Solid Shape Star!

What do you call a shape that's always cold? An ice-cube!



Section 3: Challenge — Drawing 3D

11. Try to draw a cube. (Draw a square. Then draw another square a little bit up and to the side. Join the corners.)

Draw your cube here

12. Try to draw a cylinder. (Draw two circles. Then join them with straight lines.)

Draw your cylinder here

13. Draw a circle to show what a sphere looks like.

Draw your sphere here

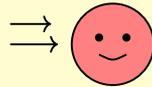


14. Look around your home. Find something shaped like a cone. Draw it and write its name.

Draw your cone object here

I found a _____.

15. Circle all the 3D shapes below.



3D Thinker!

Why are spheres so good at sports? Because they're always on a roll!



Worksheet 47: Answer Key

Naming 3D Shapes & Real Objects

Section 1: Fluency — Match the Name

1. Cube
2. Sphere
3. Cylinder
4. Cone

Section 2: Reasoning — Real World Sort

5. Lines should match: Top shape (sphere) to "Sphere"; Middle shape (cube) to "Cube"; Bottom shape (cone) to "Cone"
6. Sphere
7. Cylinder
8. Cone
9. Circle the Dice and the Gift Box (both are cubes)
10. Answers may vary. Examples include: pencil holder, water bottle, glue stick, marker, rolling pin, can, toilet paper roll, etc.

Section 3: Challenge — Drawing 3D

11. Student drawing should show a cube (square faces connected)
12. Student drawing should show a cylinder (two circles connected by lines)
13. Student drawing should show a circle (to represent a sphere)
14. Answers may vary. Examples include: party hat, funnel, traffic cone, ice cream cone, witch's hat, etc.
15. Circle the following: Cube (1st shape), Sphere (3rd shape), Cylinder (5th shape). Do NOT circle the square (2nd) or triangle (4th) as these are 2D shapes.



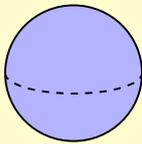
Worksheet 48: Properties of 3D Shapes

Year 1 Mathematics — AC9M1SP01

Name: _____ Date: _____

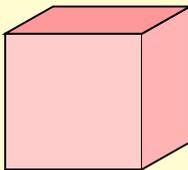
Section 1: Fluency — Roll or Slide?

1. Look at the sphere. Will it roll?



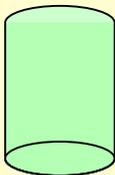
Circle the correct answer: **Yes** or **No**

2. Look at the cube. Will it roll smoothly?



Circle the correct answer: **Yes** or **No**

3. Look at the cylinder. Can it roll?



Circle the correct answer: **Yes** or **No**



4. Circle the shapes that can roll.



Sphere



Cube

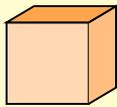


Cylinder

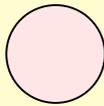


Cone

5. Which shape has flat faces that can slide easily?

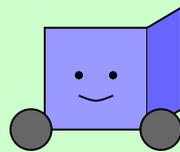


A: Cube



B: Sphere

Circle the correct answer: **A** or **B**



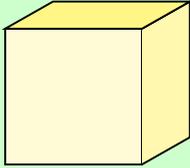
Solid Shape Star!

What shape loves to go on road trips? A traveling cube-icle!



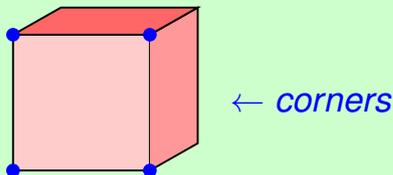
Section 2: Reasoning — Counting Features

6. Look at the cube. How many flat faces does it have?



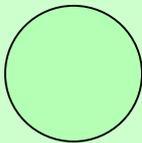
A cube has _____ flat faces.

7. Look at the cube. How many corners (vertices) does it have? Count the pointy bits.



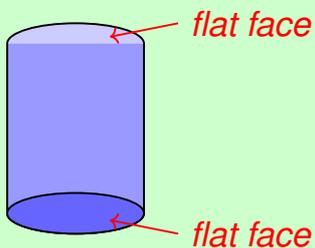
A cube has _____ corners.

8. Does a sphere have any flat faces?



Circle the correct answer: **Yes** or **No**

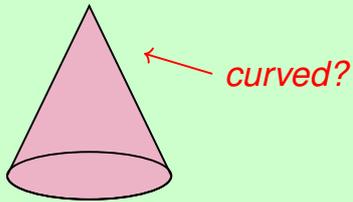
9. How many flat faces does a cylinder have?



A cylinder has _____ flat faces.

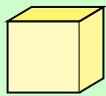


10. Does a cone have a curved surface?



Circle the correct answer: **Yes** or **No**

11. Circle the shape that has the MOST corners.



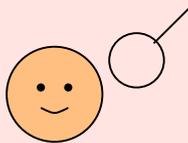
Cube



Sphere



Cone



3D Thinker!

What do you call a cube that solved a mystery? Sherlock Blocks!



Section 3: Challenge — Who Am I?

12. Read the clues. What shape am I?

I have 1 curved face and 2 flat circle faces.

I look like a can. What am I?

I am a _____.

13. Read the clues. What shape am I?

I have 6 flat faces. All my faces are squares. Who am I?

I am a _____.

14. Read the clues. What shape am I?

I have no corners. I have no flat faces.

I am perfectly round. Who am I?

I am a _____.

15. Read the clues. What shape am I?

I have 1 flat face and 1 curved surface.

I have 1 pointy corner at the top. I look like a party hat. Who am I?

I am a _____.

16. Which 3D shape can you stack easily to build a tower?

Circle the best answer: **Cube** or **Sphere**

17. Which 3D shape would roll down a hill the fastest?

Circle the best answer: **Sphere** or **Cube**

18. Name a 3D shape that has both flat faces AND a curved surface.

Answer: _____



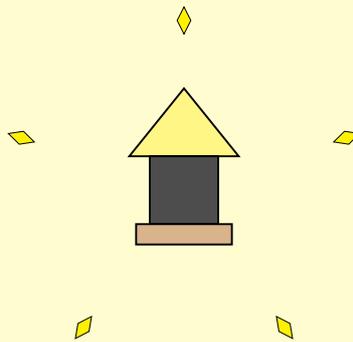
19. Think of a food that is shaped like a sphere. Draw it and write its name.

Draw your food here

I drew a _____.

20. Can you think of a toy that is shaped like a cube? Write its name.

Answer: _____



Solid Shape Star!

Why did the 3D shapes win the race? Because they had all the right angles!



Worksheet 48: Answer Key

Properties of 3D Shapes

Section 1: Fluency — Roll or Slide?

1. Yes (a sphere will roll)
2. No (a cube will not roll smoothly; it will tumble or slide)
3. Yes (a cylinder can roll on its curved surface)
4. Circle the Sphere, Cylinder, and Cone (all can roll to some degree)
5. A (the Cube has flat faces that can slide easily)

Section 2: Reasoning — Counting Features

6. 6 flat faces
7. 8 corners (vertices)
8. No (a sphere has a curved surface; no flat faces)
9. 2 flat faces (the top and bottom circles)
10. Yes (a cone has a curved surface)
11. Circle the Cube (it has 8 corners; sphere has 0; cone has 1)

Section 3: Challenge — Who Am I?

12. Cylinder
13. Cube
14. Sphere
15. Cone
16. Cube (cubes stack well because they have flat faces)
17. Sphere (spheres roll smoothly and quickly)
18. Cylinder (or Cone — both have flat faces and curved surfaces)
19. Answers may vary. Examples: orange, apple, grape, cherry tomato, melon, etc.
20. Answers may vary. Examples: dice, building block, Rubik's cube, gift box, storage cube, toy block, etc.