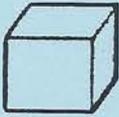


Name _____

Math Quiz – Grade 4

Identify or classify three-dimensional figures (cube, sphere, rectangular prism and pyramid)

Which of the following is NOT true of the solid figure shown below?



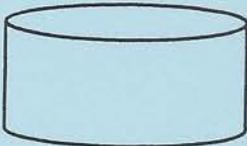
- A. It is a cube.
- B. It has 8 vertices.
- C. It has 8 faces.
- D. It has 12 edges.

How many flat faces does this shape have?



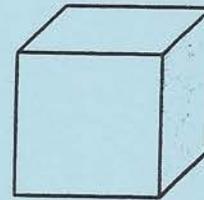
- A. 2
- B. 4
- C. 3
- D. 0

Name the figure shown below.



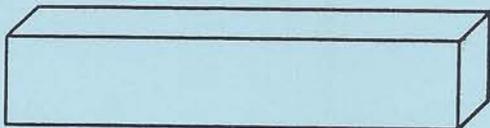
- A. cube
- B. cone
- C. circle
- D. cylinder

How many edges does this shape have?



- A. 4
- B. 6
- C. 8
- D. 12

Name this three-dimensional figure.



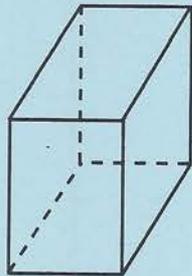
- A. rectangle
- B. rectangular prism
- C. cube
- D. pyramid

Which *best* describes the shape of a basketball?

- A. a pyramid
- B. a cylinder
- C. a sphere
- D. a circle

Sample Test Questions

1. What is this figure called?

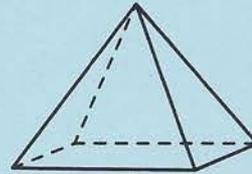


- A cube
- B rectangular prism
- C rectangular pyramid
- D triangular pyramid

2. What shape are the faces of a cube?

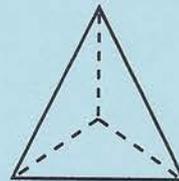
- A triangle
- B square
- C rectangle, but not square
- D hexagon

3. What is the name of the figure shown here?



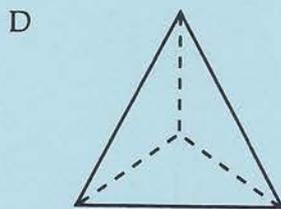
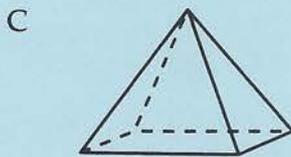
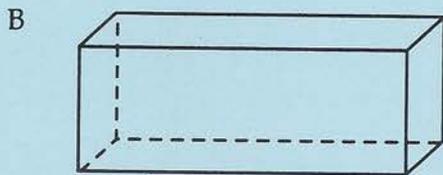
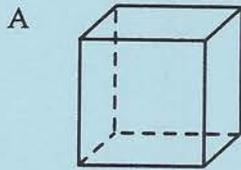
- A cube
- B rectangular prism
- C rectangular pyramid
- D triangular pyramid

4. How many faces does a triangular pyramid have?



- A 3
- B 4
- C 5
- D 6

5. Which figure is a cube?



6. A solid figure has six faces that are rectangles. How many vertices does it have?

- A 6
- B 8
- C 10
- D 12

7. Which of these figures has 8 edges?

- A cube
- B rectangular prism
- C square pyramid
- D triangular pyramid

8. How many edges does a cube have?

- A 8
- B 12
- C 14
- D 16

9. Joanne has a box with six faces that are rectangles, but not squares. What type of figure is the box?

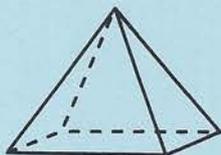
- A cube
- B rectangular prism
- C rectangular pyramid
- D triangular pyramid

10. Henry has a container with 5 faces and 8 edges. What three-dimensional figure is the container?

- A cube
- B rectangular prism
- C square pyramid
- D triangular pyramid

Brief Constructed Response

11. Dave bought candies in this shape.



A. What shape are the candies?

B. Use what you know about three-dimensional figures to explain why your answer is correct.

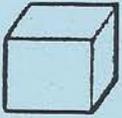
Name Answers

Math Quiz - Grade 4

Identify or classify three-dimensional figures (cube, sphere, rectangular prism and pyramid)

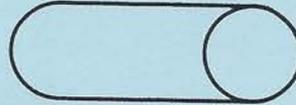
6 } m/c 15
3 }
6 }
5 - writing ^{P+1 = 2}
_{P+2 = 3}
TOTAL PTS

Which of the following is NOT true of the solid figure shown below?



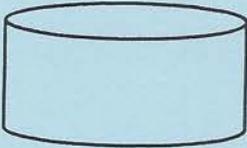
- A. It is a cube. ✓
- B. It has 8 vertices. ✓
- C. It has 8 faces.
- D. It has 12 edges. ✓

How many flat faces does this shape have?



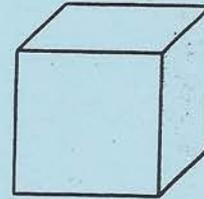
- A. 2
- B. 4
- C. 3
- D. 0

Name the figure shown below.



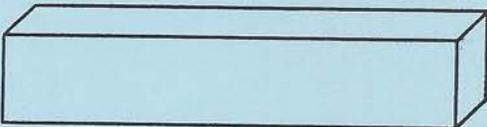
- A. cube
- B. cone
- C. circle
- D. cylinder

How many edges does this shape have?



- A. 4
- B. 6
- C. 8
- D. 12

Name this three-dimensional figure.



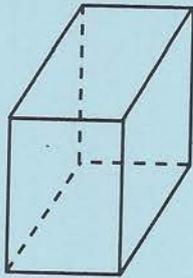
- A. rectangle
- B. rectangular prism
- C. cube
- D. pyramid

Which *best* describes the shape of a basketball?

- A. a pyramid
- B. a cylinder
- C. a sphere
- D. a circle

Sample Test Questions

1. What is this figure called?

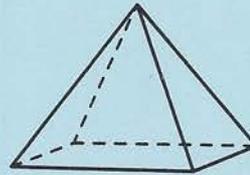


- A cube
- B rectangular prism**
- C rectangular pyramid
- D triangular pyramid

2. What shape are the faces of a cube?

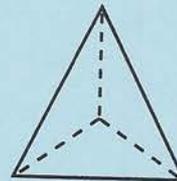
- A triangle
- B square**
- C rectangle, but not square
- D hexagon

3. What is the name of the figure shown here?



- A cube
- B rectangular prism
- C rectangular pyramid**
- D triangular pyramid

4. How many faces does a triangular pyramid have?

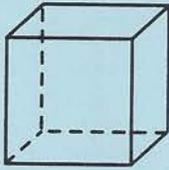


- A 3
- B 4**
- C 5
- D 6

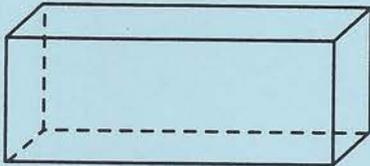
BONUS

5. Which figure is a cube?

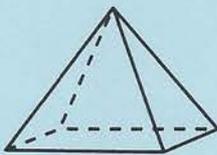
A



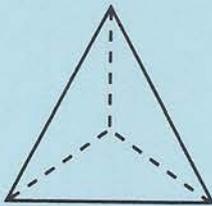
B



C



D



6. A solid figure has six faces that are rectangles. How many vertices does it have?

A 6

B 8

C 10

D 12

7. Which of these figures has 8 edges?

A cube

B rectangular prism

C square pyramid

D triangular pyramid

8. How many edges does a cube have?

A 8

B 12

C 14

D 16

9. Joanne has a box with six faces that are rectangles, but not squares. What type of figure is the box?

A cube

B rectangular prism

C rectangular pyramid

D triangular pyramid

10. Henry has a container with 5 faces and 8 edges. What three-dimensional figure is the container?

A cube

B rectangular prism

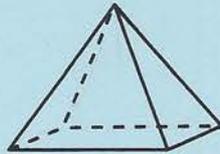
C square pyramid

D triangular pyramid

6

Brief Constructed Response

11. Dave bought candies in this shape.



- A. What shape are the candies?

rectangular pyramids

- B. Use what you know about three-dimensional figures to explain why your answer is correct.

1 bottom face = rectangle
4 other faces = triangle

5 vertices

5 faces

8 edges