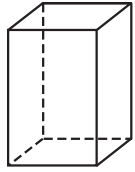


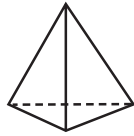
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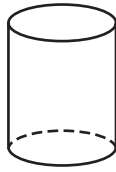
A **solid figure** has three dimensions. **Prisms** have sides that are rectangles. **Pyramids** have sides that are triangles that meet at one point. **Cones** and **cylinders** have circular bases and curved surfaces.



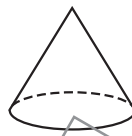
Rectangular prism



Triangular pyramid

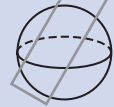


Cylinder

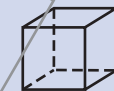


Cone

A **sphere** is a solid figure shaped like a ball.

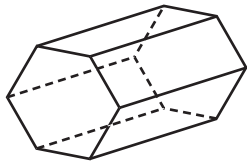


A **cube** is a rectangular prism with all edges the same length.



Read each problem. Circle the letter of the best answer.

1 What is the name of this solid figure?



- A hexagonal prism
- B hexagonal pyramid
- C pentagonal prism
- D pentagonal pyramid

The sides of this solid are rectangles, so it is a prism. The bases are hexagons, so it is a hexagonal prism. The correct answer is A.

2 The base of this solid figure is a square. What is the name of the figure?



- A cube
- B cone
- C square prism
- D square pyramid

3 Which figure appears to be a cube?

A



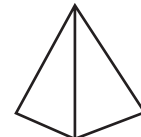
C



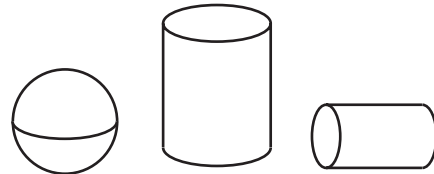
B



D



4 What figures are shown in this picture?



- A 1 cone and 2 spheres
- B 1 cone and 2 cylinders
- C 1 sphere and 2 cones
- D 1 sphere and 2 cylinders

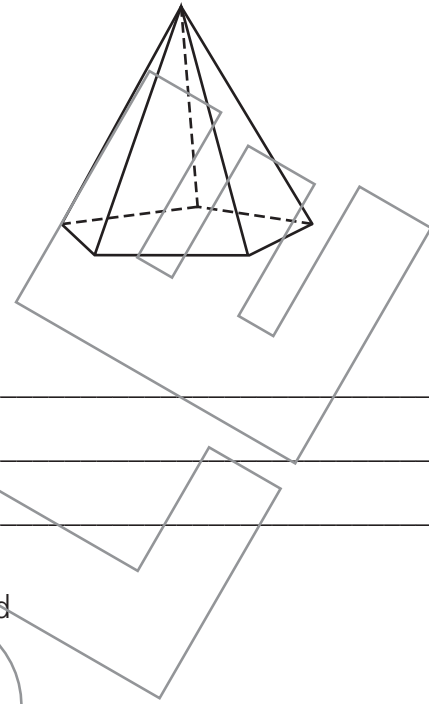
Read each problem. Write your answers.

5 The base of this solid figure is a pentagon.

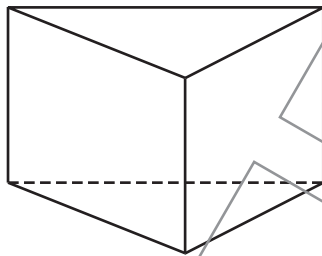
A What is the name of this solid figure?

Answer: _____

B Explain how you found your answer.



6 The solid figure shown below has two triangular bases and three rectangular sides.



A What is the name of this solid figure?

Answer: _____

B An octagonal prism has two octagonal bases. How many sides does it have? What shape are the sides?

Answer: _____

C Explain how you found your answer to part B.

