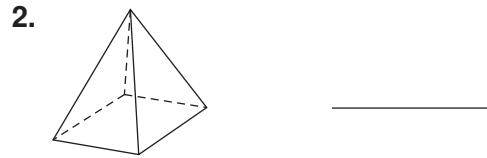
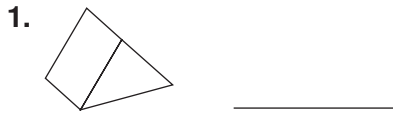
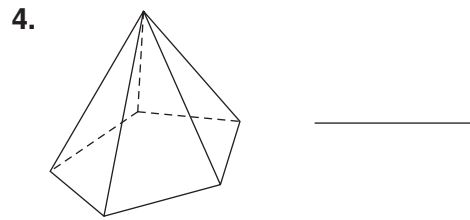
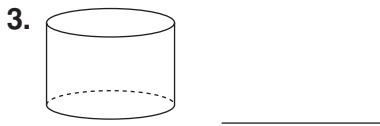


CHAPTER 10 **At-Home Practice**
Volume and Surface Area

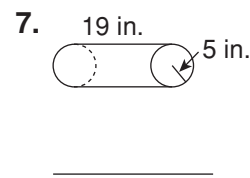
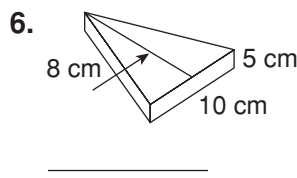
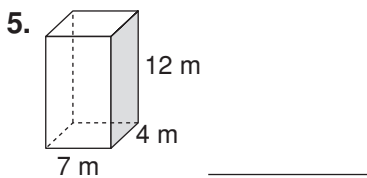
Identify the number of faces, edges, and vertices on each figure.



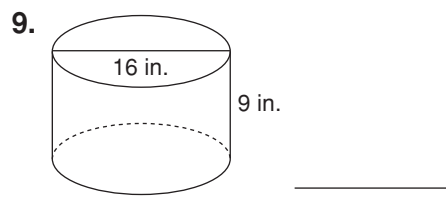
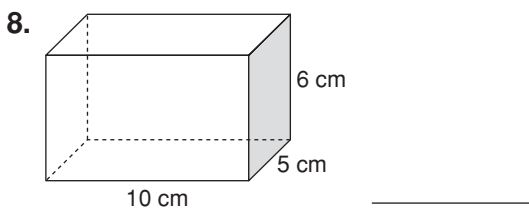
Tell whether each figure is a polyhedron and name the figure.



Find the volume of each figure.



Find the surface area of each figure.



Answers: 1. 5 faces, 9 edges, 6 vertices 2. 5 faces, 8 edges, 5 vertices 3. no; cylinder 4. yes; pentagonal pyramid 5. 336 m^3 6. 200 cm^3 7. $1,491.5 \text{ in}^3$ 8. 280 cm^2 9. 854.1 in^2

CHAPTER
10

Family Fun
Word Find

Directions

Unscramble the geometry words in the box.
Find those words hidden in the puzzle.

enco	derlcyin	cefa	smipr	xeevtr	eegd
oornehylpd	yrm diap	tne	f rsucea aare	mlveou	seba

S O E I I S B C N M P R
 F U E M K P Y W S Y O C
 U P R F U L J I D N L C
 D U T F I L R R F X Y M
 S O Z N A P O S A E H Y
 K C D T O C S V C T E Y
 C E B A S E E H E R D W
 R O V P D L V A P E R O
 C T N G T E N R R V O F
 W I E E M K M I F E N D
 D I M A R Y P V U L A W
 T C O S T O D J B F Q R

Answer: cone, cylinder, face, prism, vertex, edge, polyhedron, pyramid, net, surface area, volume, base