

RD Sharma Solutions for Class 6 Maths Chapter 16 – Understanding Three Dimensional Shapes

OBJECTI	<u>/E TYPE QUESTIO</u>	PAGE: 16.9	
Mark the corr	ect alternative in each of th	e following:	
1. Total numb	er of faces of a cuboid is		
(a) 4	(b) 6	(c) 8	(d) 12
Solution:			
The option (b)	is the correct answer.		
Total number of	of faces of a cuboid is 6.		
2. Total numb	er of edges of a cuboid is		
(a) 4	(b) 6	(c) 8	(d) 12
Solution:			
The option (d)	is the correct answer.		
Total number of	of edges of a cuboid is 12.		
3. Number of	vertices of a cuboid is		
(a) 4	(b) 6	(c) 8	(d) 10
Solution:			
The option (c)	is the correct answer.		
Number of ver	tices of a cuboid is 8.		
4. Which one	of the following is an examp	le of a cuboid?	
(a) a dice	(b) a football	(c) a gas pipe	(d) an ice-cream cone
Solution:			
The option (a)	is the correct answer.		
Example of a c	uboid is a dice.		
5. A brick is a	n example of a		
(a) cube	(b) cuboid	(c) prism	(d) cylinder
Solution:			
Sounder.			

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The option (b) is the correct answer. A brick is an example of a cuboid.

A brick is an ex	ample of a cuboid.			
6. A gas pipe is	an example of a			
(a) cone	(b) a cylinder	(c) c	ube (d) sphere	
Solution:				
The option (b) i	s the correct answer			
A gas pipe is an	example of a cylind	ler.		
7. If the base ra	adius and height of	a right circular con	e are 3 cm and 4 cm in le	ngths, then the slant height is
(a) 5 cm	(b) 2 cm	(c) 25 cm	(d) 6 cm	
Solution:				
The option (a) is	s the correct answer			
If the base radiu	is and height of a rig	tht circular cone are 3	cm and 4 cm in lengths, th	en the slant height is 5 cm.
Slant height = $$	$\sqrt{3^2 + 4^2} = \sqrt{25} = 5$ cm	n		
8. The number	of faces of a triang	gular pyramid is		
(a) 3	(b) 4	(c) 6	(d) 8	
Solution:				
The option (b) i	s the correct answer			
The number of t	faces of a triangular	pyramid is 4.		
9. The number	of edges of a trian	gular pyramid is		
(a) 3	(b) 4	(c) 6	(d) 8	
Solution:				
The option (c) is	s the correct answer			
The number of e	edges of a triangular	pyramid is 6.		
10. A tetrahedr	ron is a pyramid wl	hose base is a		
(a) triangle	(b) s	quare	(c) rectangle	(d) quadrilateral

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Solution:

The option (a) is the correct answer.

A tetrahedron is a pyramid whose base is a triangle.



