**MATHEMATICS**

**VISUALISING SOLID SHAPES**

A rectangular pyramid has:@ 2 faces@4 faces@5 faces@6 faces@0010

The other name of a tetrahedron is:@ Triangular Pyramid@Triangular Prism

@Square Pyramid@None of these@1000

A square prism has:@ 5 edges@8 edges @12 edges@15 edges@0010

Circle is a: @ Plane figure@Solid figure@Both @ and @None of these@1000

The net for a cylinder without top and bottom is a:@ ectangle@Circle@Triangle@None of these@1000

A cone has:@1 face@2faces@3faces@5faces@0100

The name of the figure which has 6 vertices, 9 edges and 5 faces is:@ Cuboid@Cube@Cone@Triangular Prism@0001

Name the solid figure which has no vertex and no edge:@ Cylinder@Cone@Sphere@Tetrahedron@0010

A petagonal pyramid has:@3 vertices@4 vertices@6 vertices@None of these@0010

A line where two faces of a solid meet is called its \_\_\_\_\_\_\_\_\_\_@ Face@Edge@Vertex@None of these@0100

A square pyramid has \_\_\_\_\_\_\_\_\_\_ triangular faces@4@3@2@1@1000

A cube has \_\_\_\_\_\_\_\_\_\_ vertices and \_\_\_\_\_\_\_\_\_\_ surfaces.@6, 3@8, 4@8, 6@7, 5@0010

Number of vertices in a cone is:@ 1@2@0@None of these@1000

Shape of the base of tetrahedron is @ Triangular@Square@Rectangle@Circular@1000

Using Euler's formula find the number of faces in a polyhedron having 6 vertices and 12 edges?@ 6@7@8@9@0010

<img src="18\_Q.gif"><img src="17\_A1.gif">@<img src="17\_A2.gif">@<img src="17\_A3.gif" >@<img src="17\_A4.gif" >@@0010

Which of the following is 3-d figure? @ Rectangle@Cylinder@Circle@Octagon@0100

<img src="19\_Q.gif"><img src="19\_A1.gif">@<img src="19\_A2.gif">@<img src="19\_A3.gif">@<img src="19\_A4.gif">@0001

<img src="20\_Q.gif">@ cone@cylinder@sphere@cube@0100

<img src="21\_Q.gif">@cuboid@cube@pyramid@cone@1000

<img src="22\_Q.gif">@cylinder@cone@sphere@cube@0010

<img src="23\_Q.gif">@ cube@cylinder@cone@sphere@0010

<img src="24\_Q.gif">@cylinder@cone@cuboid@sphere@0100

<img src="25\_Q.gif">@cylinder@cone@sphere@pyramid@0001

The number of vertices of a cube is@8@12@6@1000

The number of edges of a cube is@8@12@6@3@0100

The number of faces of a cube is@ 8@12@6@3@0010

<img src="29\_Q.gif">@1@2@3@4@@0001

<img src="30\_Q.gif">@1@2@3@4@ 0001

<img src="31\_Q.gif">@1@2@3@6@0001

<img src="32\_Q.gif">@9@4@6@8@1000

<img src="33\_Q.gif">@4@6@9@8@@0010

<img src="34\_Q.gif">@16@9@6@4@1000

Two cubes of edge length 2 cm are placed side by side. The length of the resulting cuboid is@ 2cm@4 cm@1cm@none of these@0100

What cross-section do you get when you give a horizontal cut to a die?@ Square@Rectangle@ Triangle@Circle@1000

What cross-section do you get when you give a vertical cut to a brick?@ Square@Rectangle@Triangle@Circle@1000

What cross-section do you get when you give a horizontal cut to a brick?@ Triangle@Circle@Square@Rectangle@0001

What cross-section do you get when you give a vertical cut to a round apple?@ Circle@Triangle@Square@Rectangle@1000

What cross-section do you get when you give a horizontal cut to a round apple?@ Circle@Square@Rectangle@Triangle@1000

What cross-section do you get when you give a vertical cut to an ice-cream cone?@ Triangle@Circle@Rectangle@Square@1000

What cross-section do you get when you give a horizontal cut to an ice-cream cone?

@ Triangle@Circle@Rectangle@Square@0100

The shadow of the lamp of an a cube when seen under overhead projector is

@ square@circle@triangle@rectangle@1000

The number of faces of a rectangular prism is \_\_\_\_\_\_\_.@4@6@3@None of these@0100

Opposite faces of at die always have a total of dots on them :@ 6@5@7@None of these@0010

The number of edges of a square pyramid is \_\_\_\_\_\_\_@4@6@8@None of these@0010

The number of faces of a triangular pyramid or tetrahedron is \_\_\_\_\_.@4@6@5@1024@1000

Three cubes each with 2 cm edge are placed side by side to form a cuboid. Its length will be:@4 cm@2cm@6 cm@None of these@0010

The number of triangular faces of a triangular prism is \_\_\_\_\_\_\_.@ 2@1@4@None of these@@0100

Which of the following is the number of vertices of sphere?@0@1@2@4@@ 0

There are \_\_\_\_\_\_\_\_\_.. edges in a cube.@ 8@12@4@None of these@@12

A die is cut horizontally. What is the cross-section obtained?@ A triangle@A rectangle@A square@A cube@@A square

The number of faces of a cube is \_\_\_\_\_\_\_.@ 4@6@8@None of these@0100

If two cubes of dimensions 2 cm by 2 cm are placed side by side, what would the dimensions of resulting cuboid be?@ 4, 2, 2@2, 4, 2@2, 2, 4@Noun of these@1000

The number of faces of a triangular prism is \_\_\_\_\_\_\_.@ 5@6@4@None of these@0010

There are \_\_\_\_\_\_\_\_\_\_\_\_ faces in a cube.@ 8@4@6@None of these@0010

Cuboid is an example of@ Both@2-D shape@3-D shape@None of these@@3-D shape

The vertical cut of a brick will show the cross section is@ circle@pentagon@rectangle@hexagon@@rectangle

There are \_\_\_\_\_\_\_\_\_. vertices in a cube.@8@6@4@None of these@1000

The number of edges of a rectangular pyramid is \_\_\_\_\_\_\_.@ 21@8@7@None of these@0100

The number of edges of a triangular pyramid is \_\_\_\_\_\_\_.@ 8@5@6@None of these@0010

Three dimensional shapes have :@ length, breadth, height@length, breadth@breadth height@None of these@1000

A cuboid has \_\_\_\_\_\_\_\_ rectangular faces.@ 8@2@6@4@0010

Identify the correct statement from the following.@A triangle has 3 sides and 4 vertices.@1000

cylinder has 3 faces@All sides of the rectangle are equal.@A cuboid has 4 flat faces and 12 straight edges.@0100

The number of faces of a square pyramid is \_\_\_\_\_\_\_.@ 4@7@5@None of these@0010

Rakesh has 10 one rupee coins of similar kind. He puts them exactly one on the other. What shape will he get finally?@ Circle@Cylinder@Cube@Cone@0100

The number of faces of a cylinder is \_\_\_\_\_\_\_.@ 2@1@3@None of these@0100

<img src="69\_Q.gif">@ Circle@Square@Triangle@Rectangle@1000

<img src="70\_Q.gif">@Circle@Square@Triangle@Rectangle@0100

<img src="71\_Q.gif"><img src="71\_A1.gif">@<img src="71\_A2.gif">@<img src="71\_A3.gif"><img src="71\_A4.gif">@0001

# <img src="72\_Q.gif">@Cone@Cylinder@Triangular prism@Triangular pyramid****@****1000

<img src="73\_Q.gif">@row I@  row II@row III@ row IV@0001

# <img src="74\_Q.gif">@Rectangle@Circle@Square@Triangle****@****0100

<img src="75\_Q.gif">@7@8@ 9@ 10**@0100**

# <img src="76\_Q.gif"><img src="76\_A1.gif">@<img src="76\_A2.gif">@<img src="76\_A3.gif">@<img src="76\_A4.gif">@0010

# <img src="77\_Q.gif"><img src="77\_A1.gif">@<img src="77\_A2.gif">@<img src="73\_A3.gif">@<img src="77\_A4.gif">@0100

# <img src="78\_Q.gif">@1@2@3@ 4****@****0100

# <img src="79\_Q.gif>@83 square units@ 166 square units@225 square units@332 square units****@****0100

|  |
| --- |
| <img src="80\_Q.gif"><img src="80\_A1.gif">@<imgsrc="80\_A2.gif">@<img src="80\_A3.gif">@<img src="80\_A4.gif">@0100 |

<img src="81\_Q.gif">@5@8@10@11**@**0100

How many triangles can be seen in this figure? @3@5@6@ 7**@**0100

Which of the following figures has six faces? <img src="83\_A1.gif">@<img src="83\_A2.gif">@<img src="83\_A3.gif">@<img src="83\_A4.gif">@@0100

Which of the following is different from the other three? <img src="84\_A1.gif">@<img src="84\_A2.gif">@<img src="84\_A3.gif">@<img src="84\_A4.gif">@1000

Which of the following pair of shapes, when joined together (by placing them edge to edge) can from a rectangle? <img src="85\_A1.gif">@<img src="85\_A2.gif">@<img src="85\_A3.gif">@<img src="85\_A4.gif">@0010

<img src="86\_Q.gif"><img src="86\_A1.gif">@<img src="86\_A2.gif">@<img src="86\_A3.gif">@<img src="86\_A4.gif">@**0010**

Identify the correct statement from the following.@ A triangle has 4 sides, three faces and 3 vertices.@ A cylinder has 3 faces.@ All sides of cuboid are equal.@ A cuboid has 4 flat faces and 12 straight edges.@0100

Ashok has 10 one rupee coins of similar kind. He puts them exactly one on the other. What shape will he get finally?@Circle@Cylinder@Cube@Cone@0100

<img src="89\_Q.gif">@(i) - (A), (ii) - (B), (iii) - (C), (iv) - (D)@ (i) - (C), (ii) - (A), (iii) - (D), (iv) - (B)@ (i) - (C), (ii) - (B), (iii) - (A), (iv) - (D)@ (i) - (D), (ii) - (A), (iii) - (C), (iv) - (B)@0100

Identify the false statement from the following.@A cuboid has 3 pairs of opposite faces.@The number of vertices of a cube is 6.@All sides of a square are equal.@ A square pyramid is a three-dimensional figure.@0100

<img src="91\_Q.gif@8@9@ 12@11**@0010**

What is the number on the face opposite to 4 on a die?@0@3@2@1@0100

<img src="93\_Q.gif">@A die@A match box@A pyramid@A ball**@0010**

# <img src="94\_Q.gif">@<img src="94\_A1.gif">@@<img src="94\_A2.gif">@<img src="94\_A3.gif">@<img src="94\_A4.gif">@1000

# <img src="95\_Q.gif">@<img src="95\_A1.gif">@<img src="95\_A2.gif">@<img src="95\_A3.gif">@<img src="95\_A4.gif">@**1000**

# <img src="96\_Q.gif">@8@6@12@10@1000

# <img src="97\_Q.gif">@<img src="97\_A1.gif">@<img src="97\_A2.gif">@<img src="97\_A3.gif">@<img src="97\_A4.gif">@**0010**

# <img src="98\_Q.gif">@A ring@A circle@A cylinder@An ellipse**@1000**

# <img src="99\_Q.gif">@A cube@A cuboid@ A cone@A sphere**@0100**

# <img src="100\_Q.gif">@ 16@9@18@12**@0010**