

VISUALISING SOLID SHAPES**FACES, EDGES AND VERTICES OF SOLID SHAPES****EXERCISE**

Q.1 Find the number of faces do the following solids have:

- (i) Regular octahedron
- (ii) Hexagonal pyramid

Q.2 Find the number of vertices the following solids have:

- (i) Pentagonal pyramid
- (ii) Hexagonal prism

Q.3 How many edges does each of the following solids have?

- (i) Cone
- (ii) Octagonal prism

Q.4 How many faces does each of the following solid figures have?

- (i) Cylinder
- (ii) Cone
- (iii) Square prism
- (iv) Regular Octahedron
- (v) Octagonal pyramid

Q.5 The top view of a cuboid is a:

- (A) Square
- (B) Rectangle
- (C) Parallelogram
- (D) None of these

ANSWER KEY

- | | | |
|----|---------|---------|
| 1. | (i) 8 | (ii) 7 |
| 2 | (i) 6 | (ii) 12 |
| 3. | (i) 1 | (ii) 24 |
| 4. | (i) 3 | (ii) 2 |
| | (iii) 6 | (iv) 8 |
| | (v) 9 | |
| 5. | B | |