Question 1.

What is the shape of

(i) your geometry box?

(ii) a brick?

(iii) a matchbox?

(iv) a dum?

(v) a playing die?

(vi) a sweet laddu?

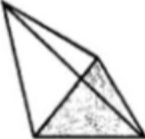Solution:

(i) Cuboid

(ii) Cuboid

(iii) Cuboid

(iv) Cylinder

(v) Cube

(vi) Sphere

Question 2.

Match the following:

(i) Cone	(a)	(iv) Pyramid	(d)
(ii) Sphere	(b)	(ii) Cylinder	(e)
(iii) Cube	(c)	(iii) Cuboid	(f)

Solution:

(i) – (b),

(ii) – (d),

(iii) – (e),

(iv) – (a),

(v) – (f),

(vi) – (c)

Question 3.

Fill in the blanks:

(i) A cube has .... square faces, ... edges and .... vertices.

(ii) A triangular prism has .... triangular faces, ... rectangular faces, ... edges and .... vertices.

(iii) A triangular pyramid has .... faces, ... edges and vertices.

Solution:

(i) A cube has 6 square faces, 12 edges and 8 vertices.

(ii) A triangular prism has 2 triangular faces, 3 rectangular faces, 9 edges and 6 vertices.

(iii) A triangular pyramid has 4 faces, 6 edges and 4 vertices.