A. Choose the correct answer.

1) The edge of a solid is:

    a) a point   **b)** a line segment

    c) plane surface   **d)** a three-dimensional solid

2) A ball is an example of:

    a) A cylinder   **b)** a cube   **c)** a sphere   **d)** a cone

3) Which among the following is a prism?

    a) Cube   **b)** cylinder   **c)** sphere   **d)** tetrahedron

  4) The height of the cylinder is:

    a) PQ   **b)** AB   **c)** QB   **d)** AQ

5) A two-dimensional flat figure that forms a closed, three-dimensional geometric solid when it is folded is called:

    a) a basis   **b)** a base   **c)** a net   **d)** a structure

B. Complete the crossword.

Clues:

A three-dimensional solid that ……………

Across

2……………..is bounded by a single curved surface.

3.…………….has two flat circular surfaces and one curved surface.

Down

1.…………….has a polygon base and triangular faces on each side of the polygon base which meet at a common vertex.

3.…………….has one circular base and a vertex.

4.…………….has two parallel faces and its remaining sides are always paralleograms.

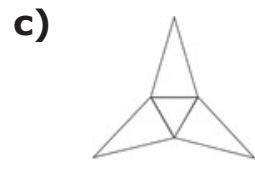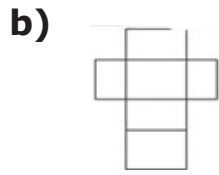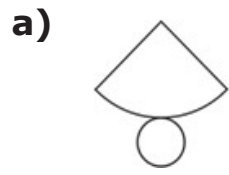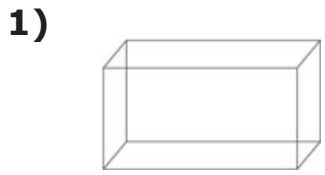C. Colour each solid with a different colour. Colour the correct net with the corresponding colour of each solid.

1)

a)

b)

c)

2)

a)

b)

c)

3)

a)

b)

c)

4)

a)

b)

c)

5)

a)

b)

c)

6)

a)

b)

c)

7)

a)

b)

c)
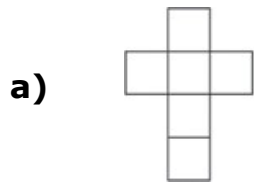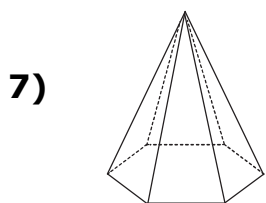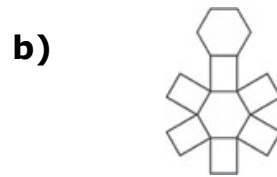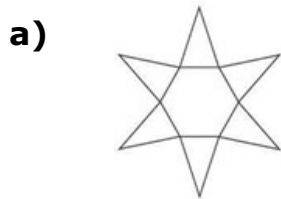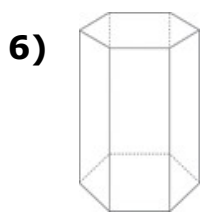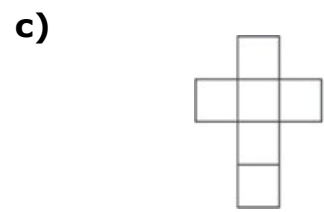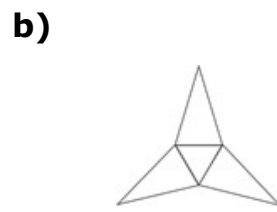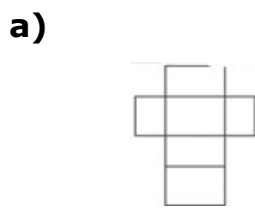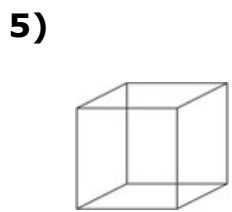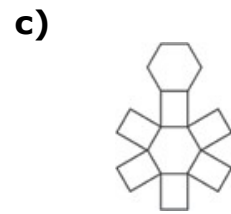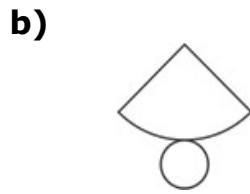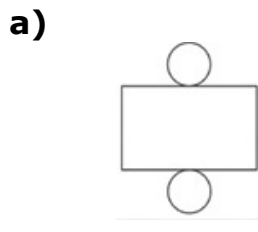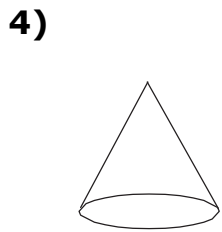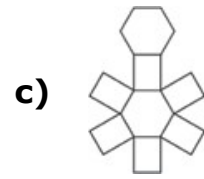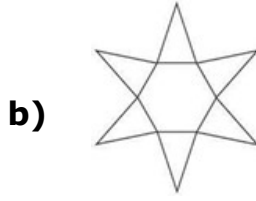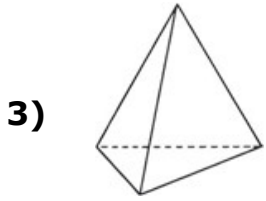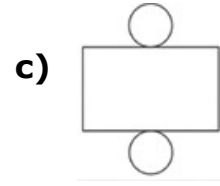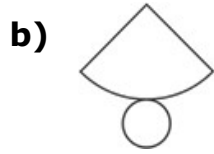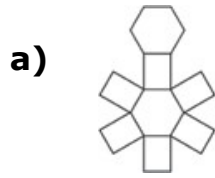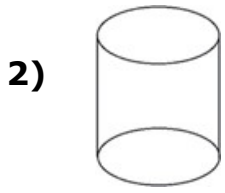
D. State whether true or false.
1) A cone has two curved edges.
2) A sphere has no edges.
3) A cylinder has no vertices.
4) The net of a solid cannot have different shapes.
5) The net of a solid shape is a single piece of connected faces.