3D Shapes

Identify the shape, then give the number of vertices, edges and faces:

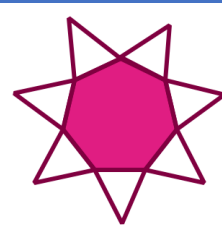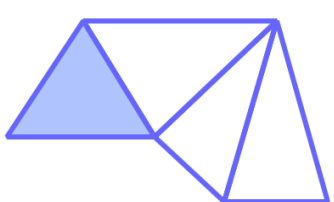|	Shape	Vertices?	Edges?	Faces?

Identify all the 3D-shapes:

Find the shape that doesn't fit and give reasons for your answers:

1.

A   **B**   **C**

_____
_____
_____
_____
_____

2.

A   **B**   **C**

_____
_____
_____
_____
_____

3.

A   **B**   **C**

_____
_____
_____
_____
_____

Circle the net that does not represent the cube on the left?

A
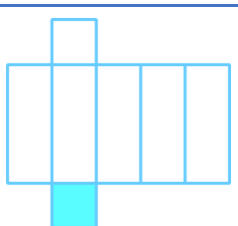
B

C

D
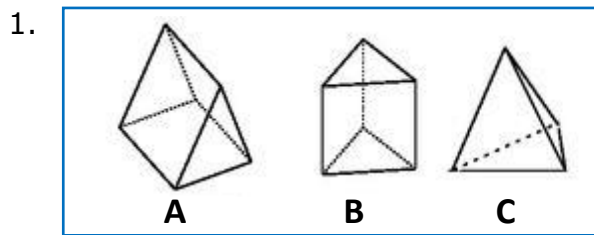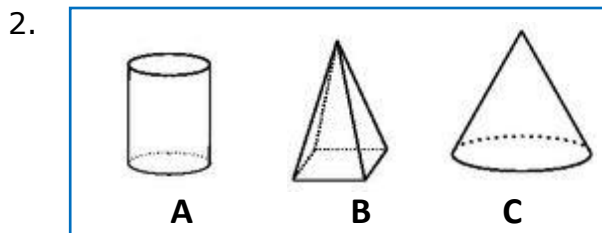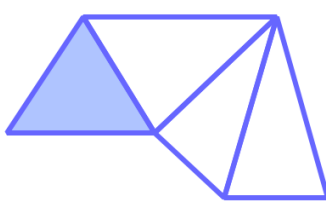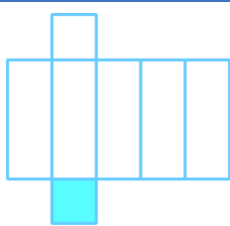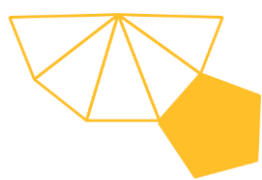
MEMO:

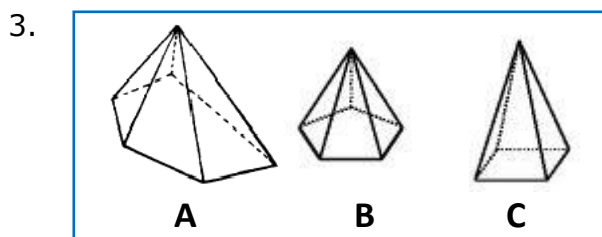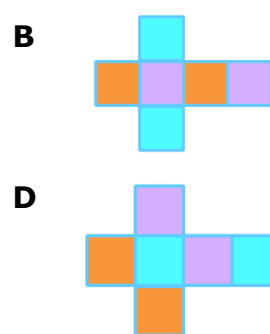*Identify the shape, then give the number of vertices, edges and faces:*

	Shape	Vertices?	Edges?	Faces?
	Hexagonal prism	12	18	8
	Triangular prism	6	9	5
	Cylinder	0	0	2
		As a cylinder has curved and not flat surfaces, there are no vertices or edges		
	Heptagonal pyramid	8	14	8
	Triangular pyramid	4	6	4
	Square prism	8	12	6
	Pentagonal pyramid	6	10	6

Identify all the 3D-shapes:

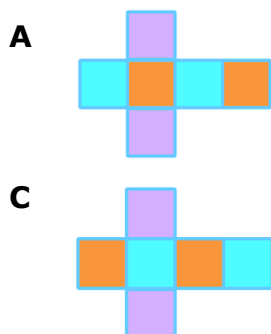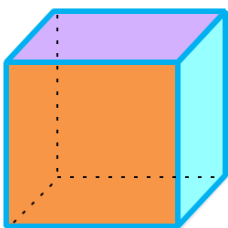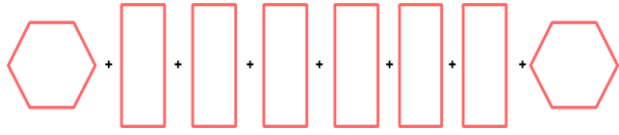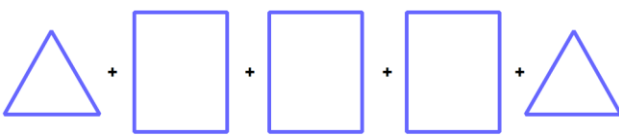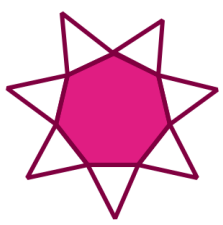| cube	sphere	cylinder	cone	triangular pyramid

Find the shape that doesn't fit and give reasons for your answers:

1. Shape C - Shape A and B are both prisms and Shape C is a pyramid.
2. Shape B - Shape A and C both have a circular base and Shape B has a square base.
3. Shape A - Shape B and C are both regular pyramids, Shape A is an irregular pyramid (refer to the base)

Circle the net that does not represent the cube on the left?

A

B

C

D