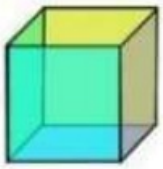
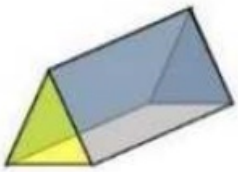
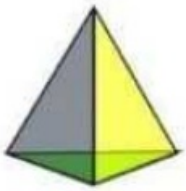
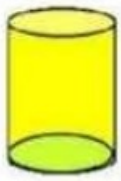
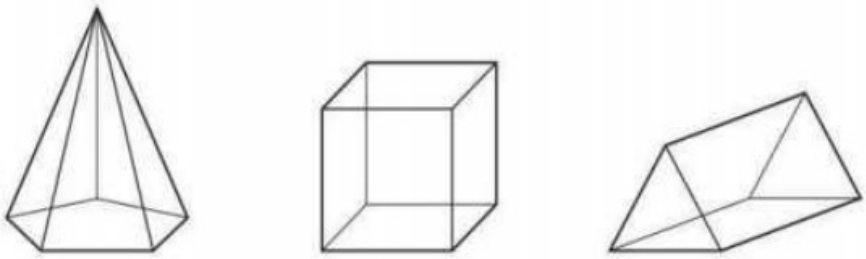
Chapter 6: 3D Shapes

Objective: Identify the 3D shape that a net will form.

Q1) For each shape, fill in the name, number of faces, edges and vertices.

Name: Faces: Edges: Vertices: 	Name: Faces: Edges: Vertices: 
Name: Faces: Edges: Vertices: 	Name: Faces: Edges: Vertices:
Name: Faces: Edges: Vertices: 	Name: Faces: Edges: Vertices: 
Name: Faces: Edges: Vertices: 	Name: Faces: Edges: Vertices:

Q3) Here are **three** diagrams of solid shapes.



A **B** **C**

Choose the correct word from this list to complete each sentence.

edges faces prisms pyramids vertices

A and **B** both have the same number of .....

A and **C** both have the same number of .....

B and **C** are both .....

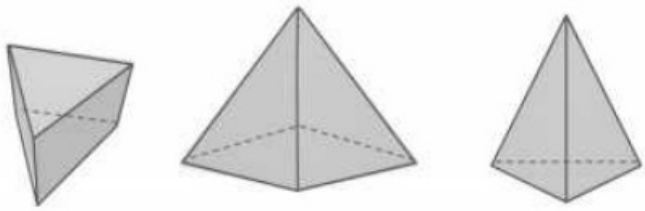
Q5) Here are four statements about the properties of prisms and pyramids.

Properties	Prisms	Pyramids
This is a 3D shape.	**True**	**True**
The faces are always flat.		
The number of vertices is always even.		
The number of faces is always even.		

Write **True** or **False** for each statement.
One has been done for you.

Chapter 6: Extra Practice

1. Which of the 3D shapes below is formed by triangular flat faces only?
   Circle the correct shape.



2. Look at the 3D shape below.

Complete the sentence.

The 3D shape has _____ circular flat faces and one _____ face.

5. A 3D shape has a square base.
   The sum of all its vertices is an odd number.
   How many edges and how many faces does it have?

6. I have two triangular flat surfaces and 3 rectangular flat surfaces. I have 9 straight edges and 6 vertices. Who am I?

7. I have one curved surface and two flat surfaces. I have no straight edges, but I have two curved edges. Who am I?