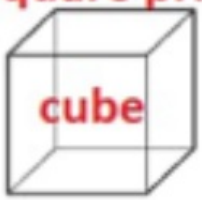
pentagonal pyramid

A

square prism



B

triangular prism

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 faces.

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

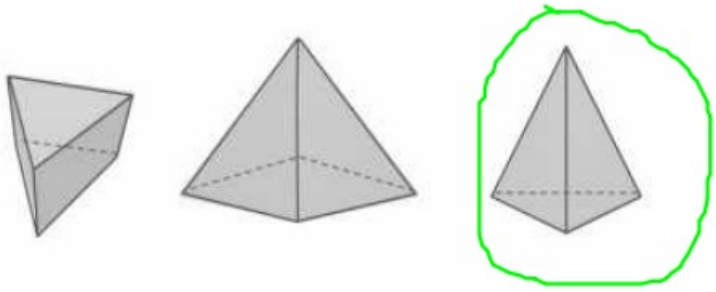
B and **C** are both prisms.

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.	True	True
The number of vertices is always even.	True	False
The number of faces is always even.	False	False

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

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 2 circular flat faces and one curved 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?

square pyramid
5 vertices
5 faces
8 edges

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

triangular prism

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

cylinder