



The National  
Orthodox School  
Shmaisani

# key answer worksheet 1

Name:

Worksheet(1)

Grade:8(A, B)

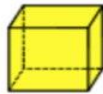
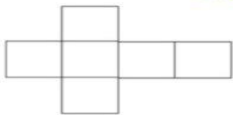
Subject : Math (Unit (7):Mensuration of planes and solids)

Date :

**A Net is a 2-dimensional pattern that you can fold to form a 3-dimensional figure.**

## Nets of Solids :

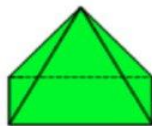
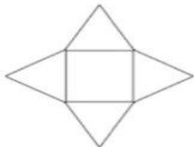
Cube



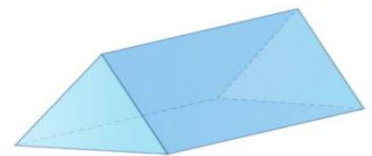
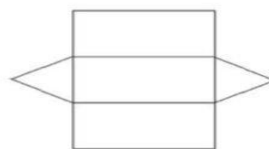
Cuboid



Square-based Pyramid



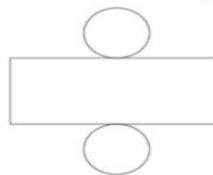
Triangular Prism



Cone



Cylinder



Accredited by



Cambridge Assessment  
International Education  
Cambridge International School

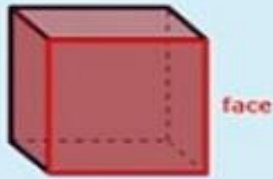
edexcel

CIS  
COUNCIL OF  
INTERNATIONAL  
SCHOOLS

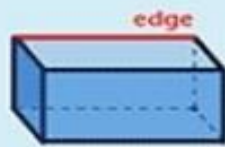


معتتمدة من

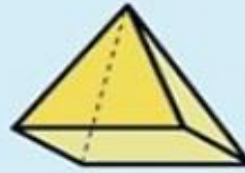
# solid shapes



Cube



Cuboid



Square based pyramid



Cone



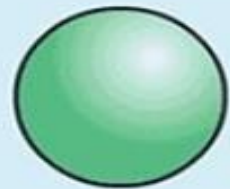
Triangular prism



Triangular based pyramid



Cylinder



Sphere

## How are pyramids different from prisms?

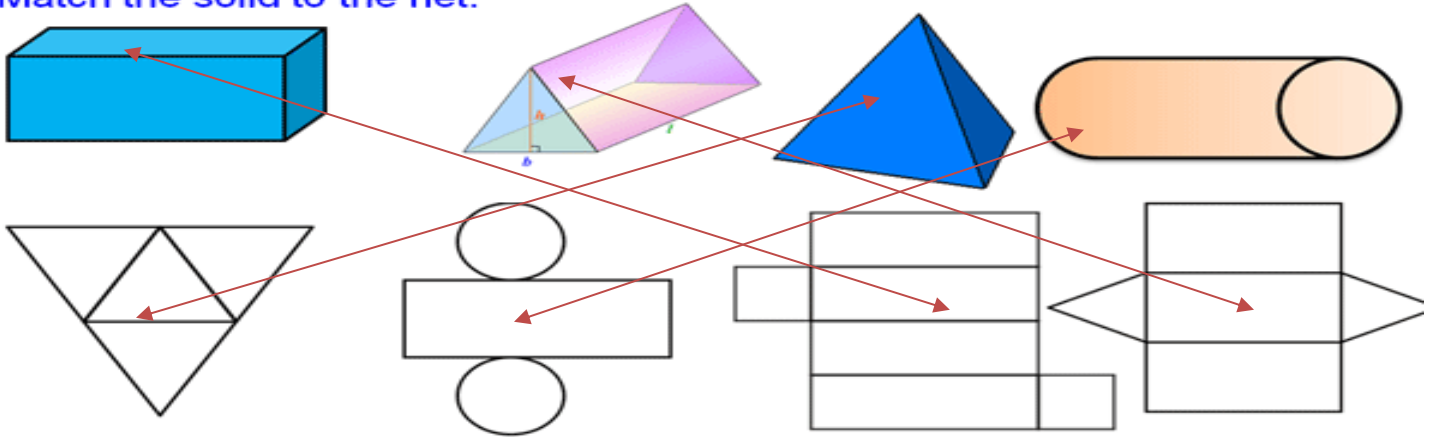
Solid	Number of Bases	Face
Pyramid	1	Triangular
Prism	2 congruent	Rectangular

**Math Tip**

A pyramid comes to a point or vertex.

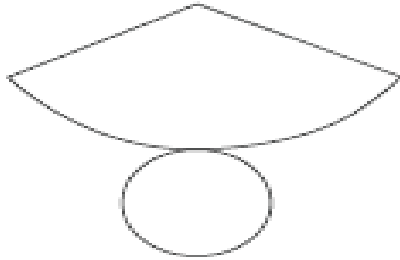
# EXERCISE (1):

Match the solid to the net.

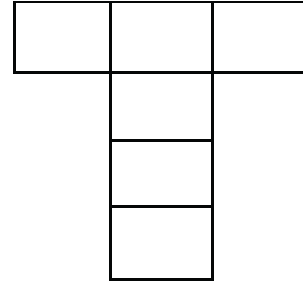


EXERCISE (2): For each 3d shape, shade the correct net :

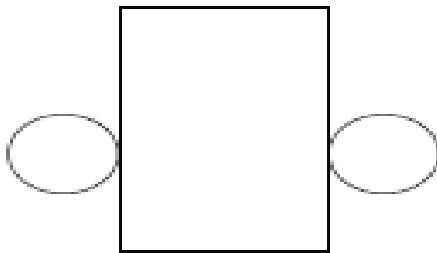

**EXERCISE (3):** Name the solid shape that can be formed by each net :



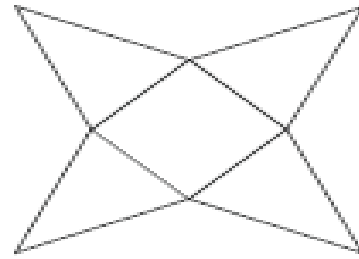
**cone**



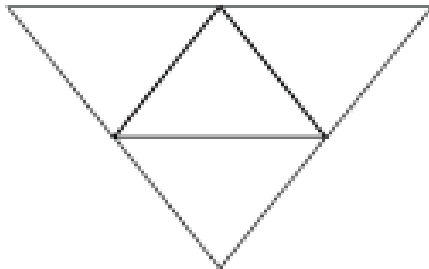
**cube**



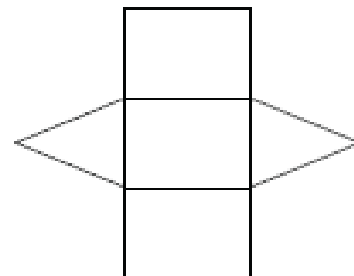
**cylinder**



**square based Pyramid**



**Triangular based  
Pyramid**



**Triangular prism**

## EXERCISE (4):

Match each net to its name and 3d representation.

The diagram shows the following connections:

- Net 1 (Cross shape):** Connected to **Cube**, which is connected to the **3D representation of a cube**.
- Net 2 (Square with four triangles):** Connected to **Tetrahedron (triangular based pyramid)**, which is connected to the **3D representation of a tetrahedron**.
- Net 3 (Square with four triangles):** Connected to **Square-based pyramid**, which is connected to the **3D representation of a square-based pyramid**.
- Net 4 (Cross shape):** Connected to **Cuboid**, which is connected to the **3D representation of a cuboid**.
- Net 5 (Triangle with three rectangles):** Connected to **Triangular prism**, which is connected to the **3D representation of a triangular prism**.
- Net 6 (Hexagon with two rectangles):** Connected to **Hexagonal prism**, which is connected to the **3D representation of a hexagonal prism**.

*Teacher: Wisam Al – mashni*