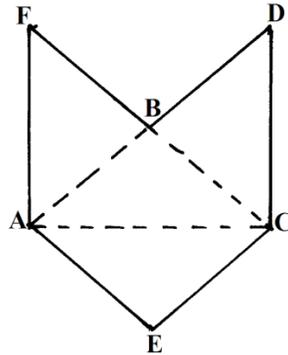
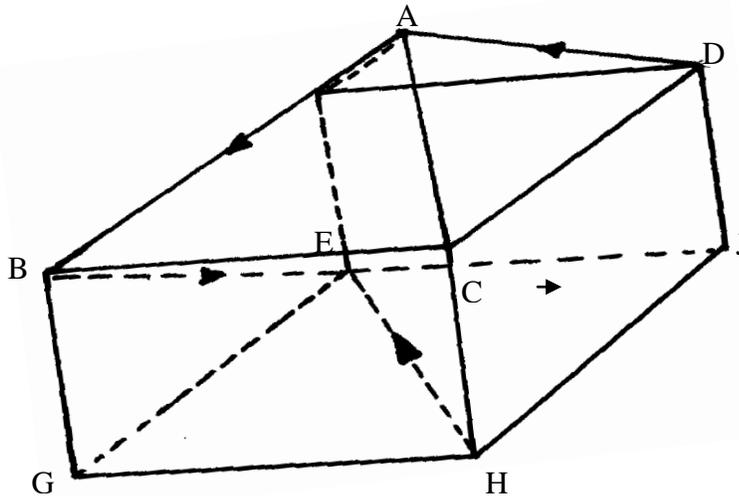


# 1. Common solids

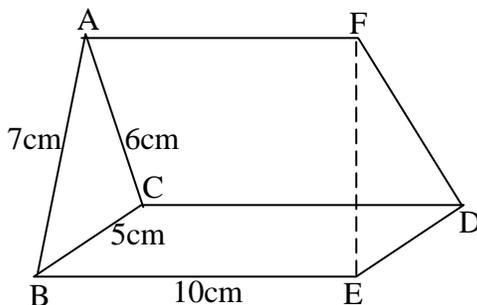
1. Below is a net of a model of a 3 – dimensional figure. The lengths  $AB = BC = AC = 6.0\text{cm}$  and lengths  $AF = FB = BD = CD = CE = AE = 8.0\text{cm}$ .



- a) Sketch when the net is folded by taking ABC as the base and the height 5cm.  
 b) State the name of the figure sketched (3 mks)
2. The figure below represents a square based solid with a path marked on it

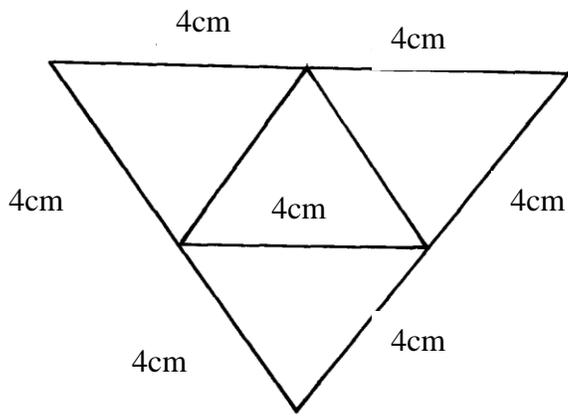


3. Sketch and label the net of the solid  
 The below shows a solid prism:-



- (a) Sketch the net of the prism above  
 (b) Use the net in (a) above to calculate the total surface area of the material used in making the solid
4. Draw the solid whose net is shown below.

\*



5. Sketch the net of the solid shown in the figure below. measurements are in centimeters

