

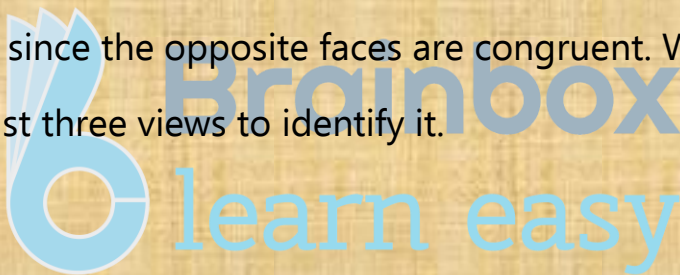
CHAPTER 10**Visualising Solid Shapes****Views of 3-D shapes:**

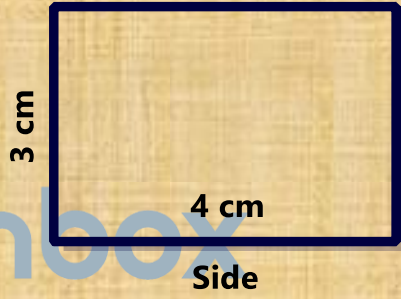
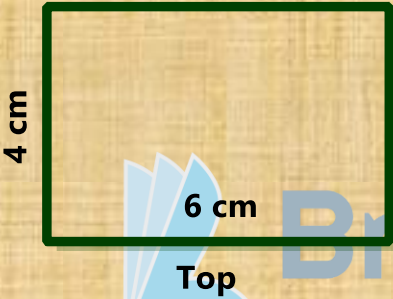
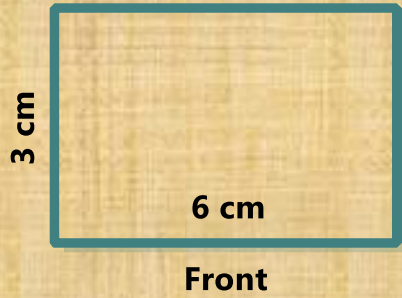
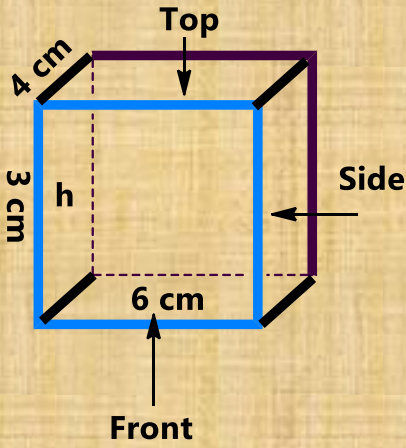
3D objects have different views from different positions (or) angles. They can be drawn from different perspectives.

Ex.

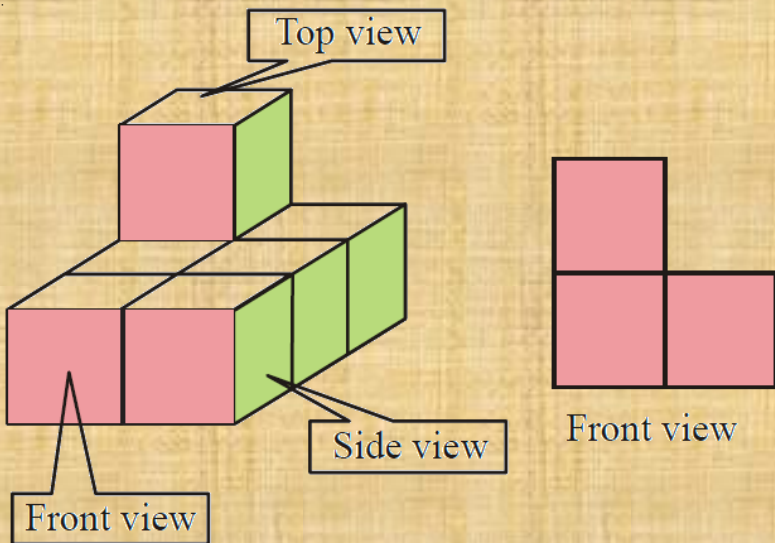
Consider a cuboidal box.

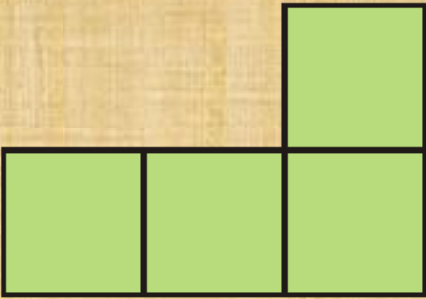
It has six faces but the views from all the six sides are not needed since the opposite faces are congruent. We need to know just three views to identify it.



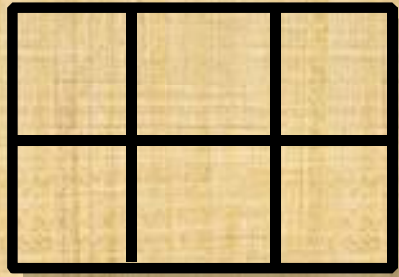


The front, top and side views of the some solids are given in following table.





Side view



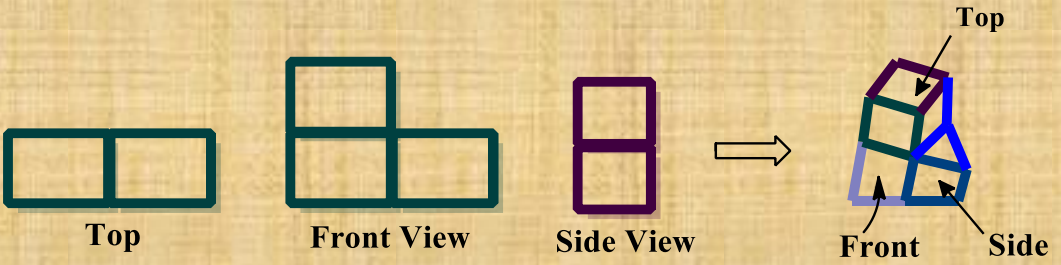
Top view

Solid	Top View	Front View	Side View

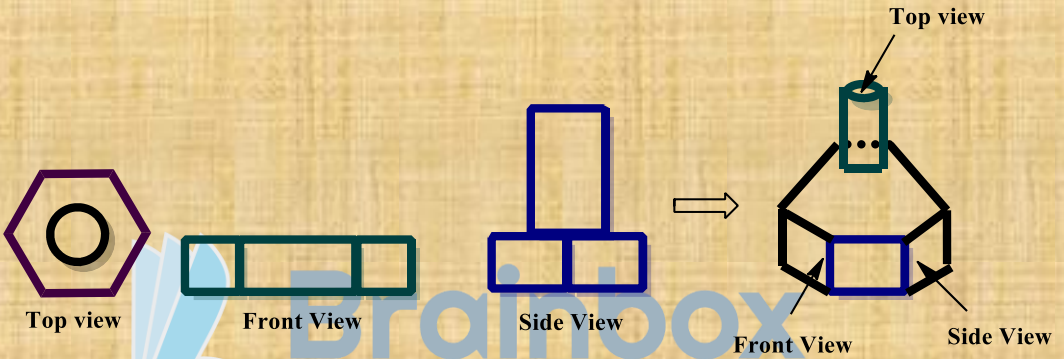
Note:

A 3D object can be visualised if its front, top and side views are given.

Example:



Example:



Brainbox
learn easy