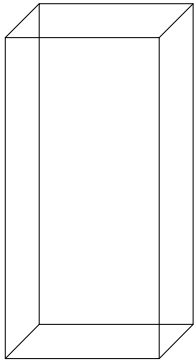


Date: _____

5.1 View of 3 Dimensional Objects

Vocabulary:



Vertex:

Edge:

Face:

It is hard to draw a 3 dimensional (3D) object on 2 dimensional surfaces like paper.

To accurately describe a 3D object, we often break it into 3 views:



A minimum of 3 views are needed to describe a 3D object

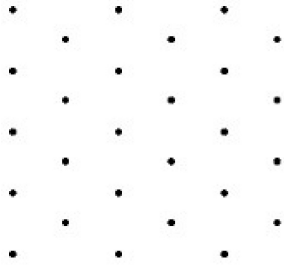
Draw the top, front and side views of the tissue box. Label each view.



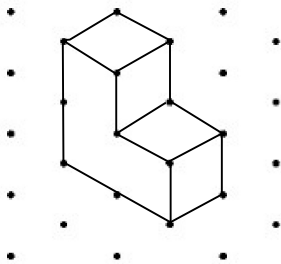
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Although front, side and top views are useful for describing a shape accurately, sometimes we want to see a 3d shape.

These are called "isometric views"



Sketch the front, top and side view from the isometric diagram shown below:



Sketch the isometric diagram from the top, front and side views shown:

