

1.1 Nets and Drawings for Visualizing Geometry

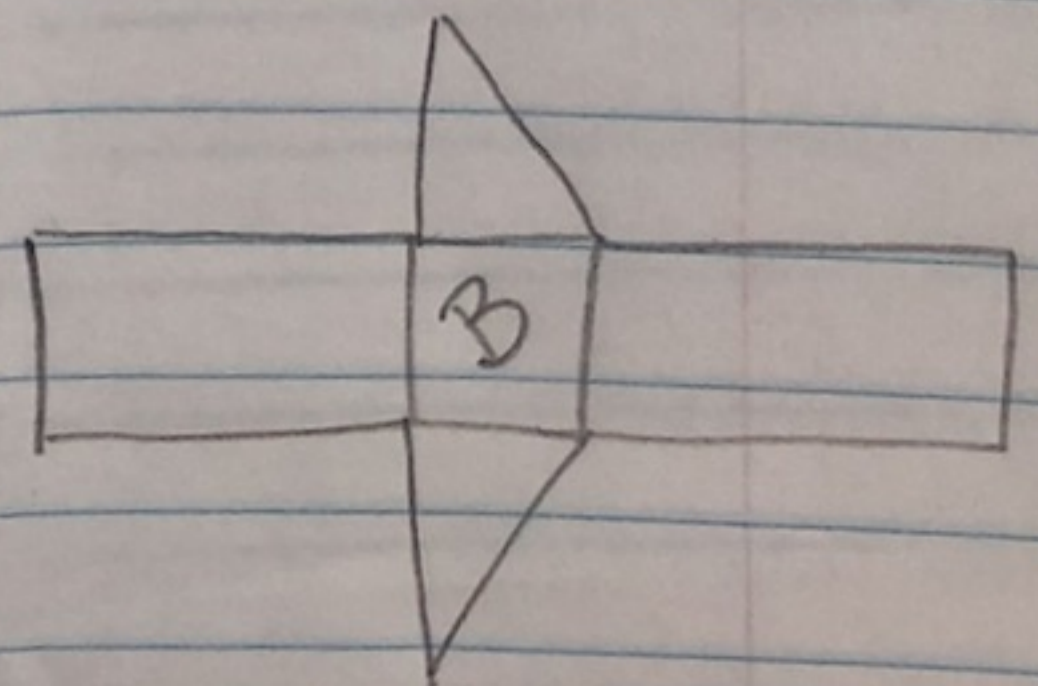
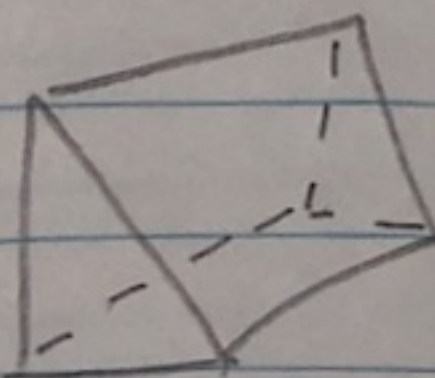
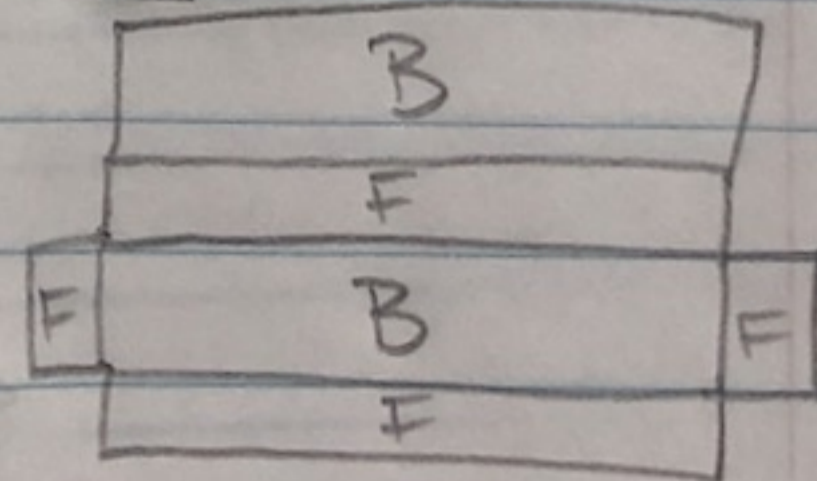
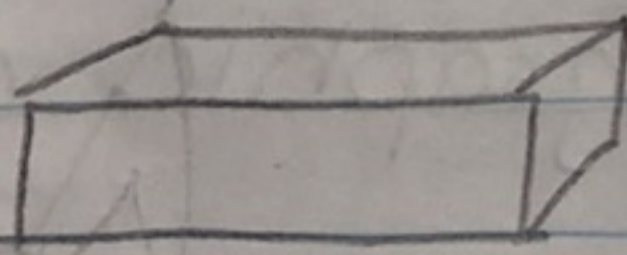
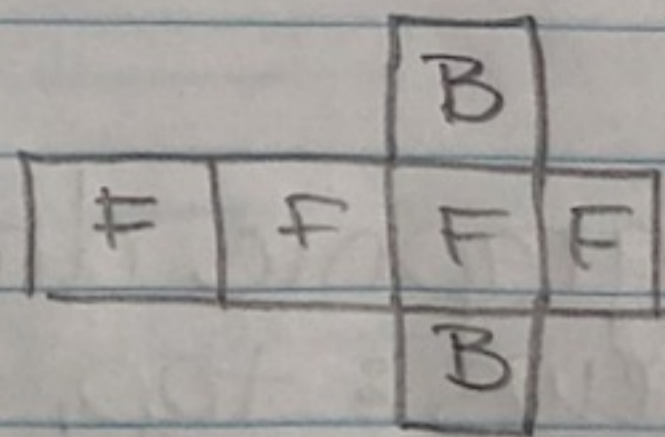
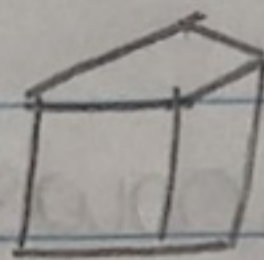
Goal: I can make nets and drawings of three-dimensional figures

Net - a two dimensional diagram that you can fold to form a three-dimensional figure

- A three-dimensional shape is called three-dimensional because it has length, height and width.

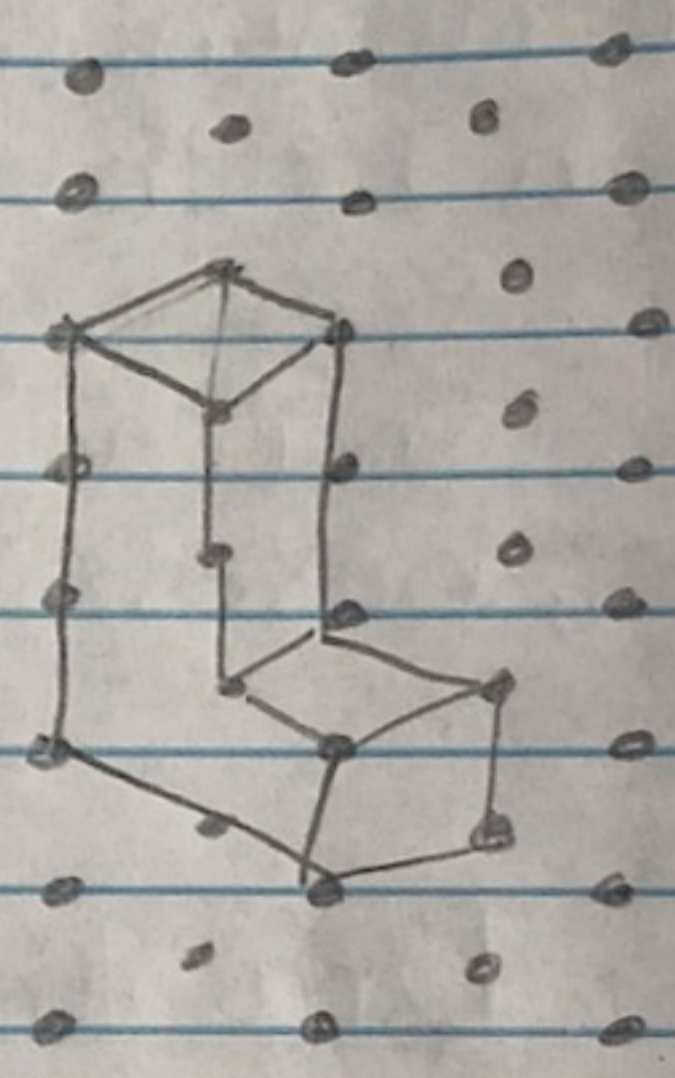
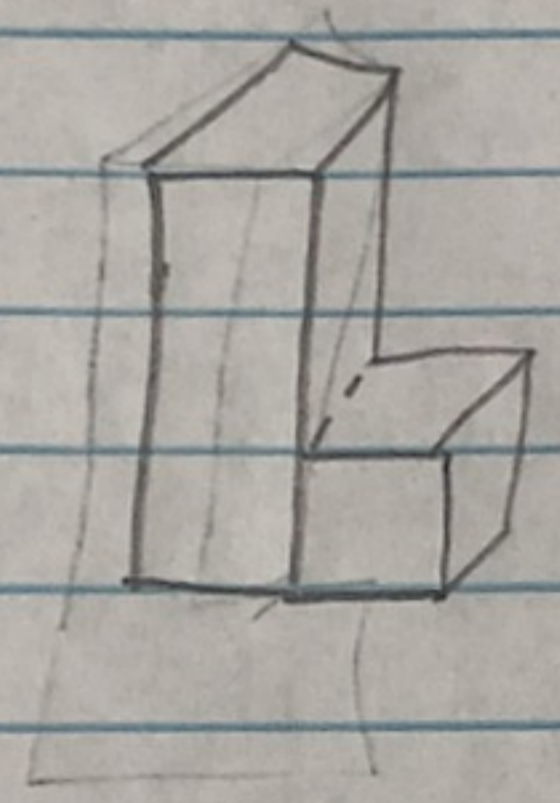
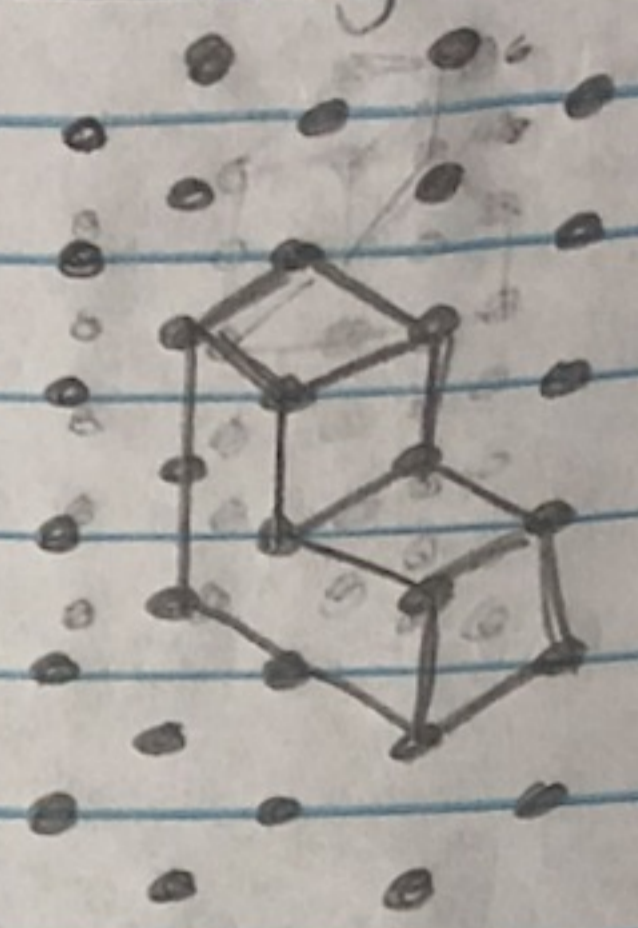
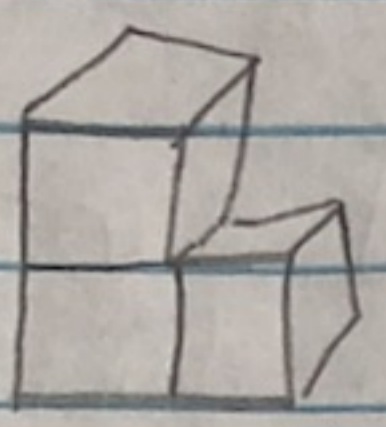
- Three dimensional solids have edges, faces, bases, and vertices

Drawing a Net From a Solid



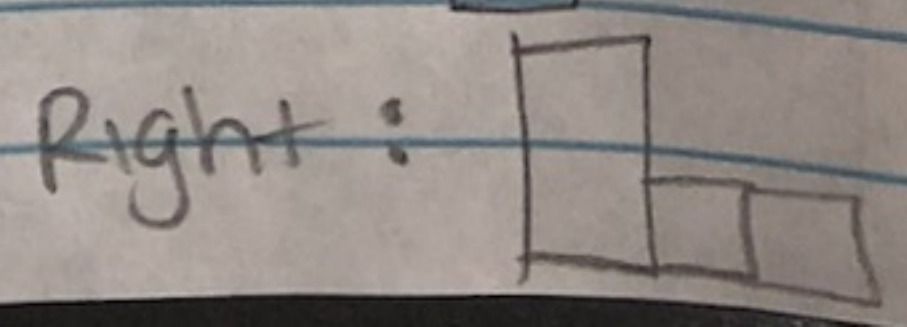
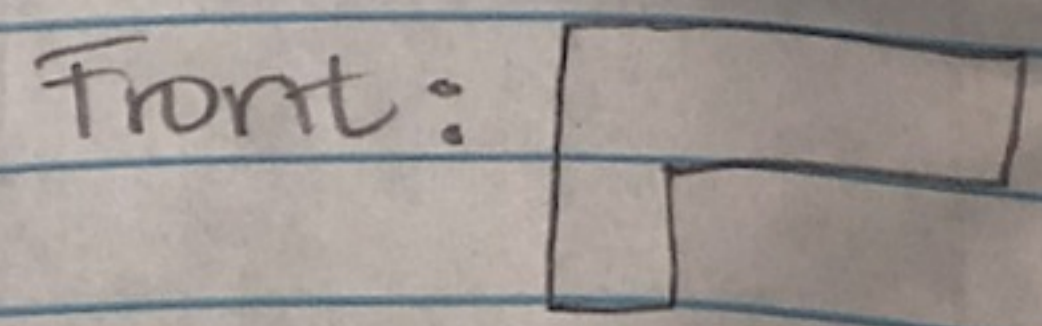
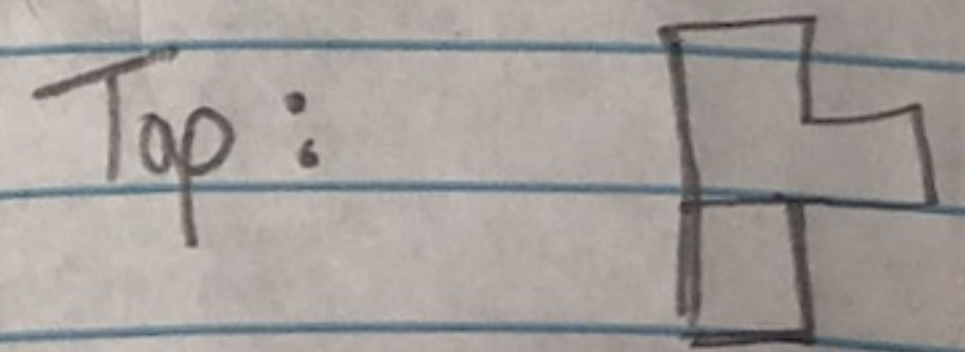
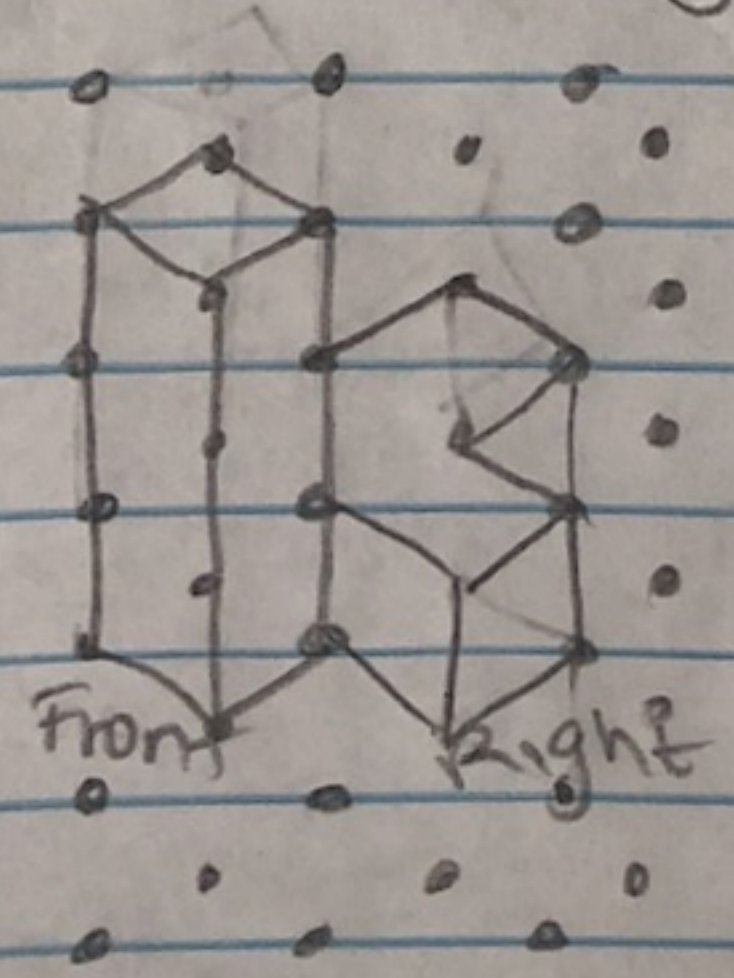
- Isometric drawing - shows a corner view of a three dimensional figure

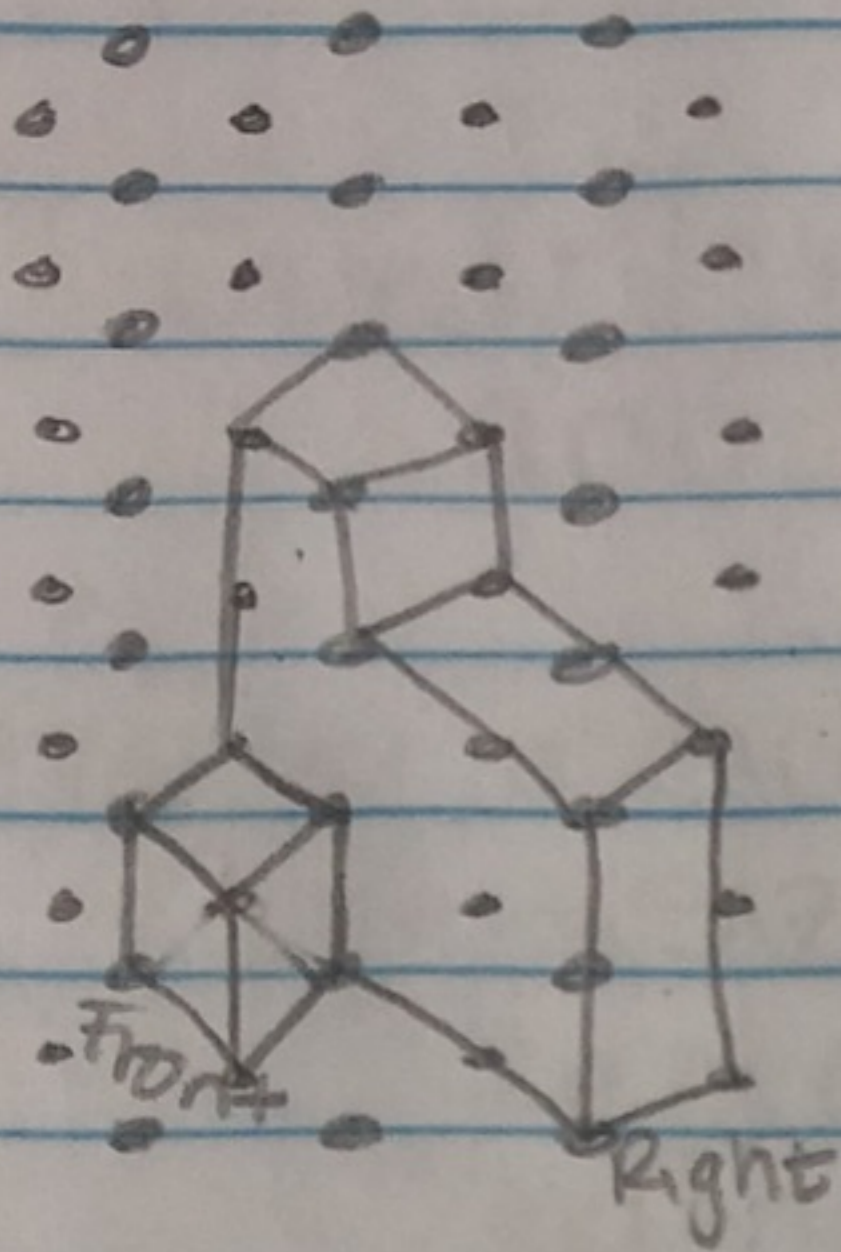
Isometric Drawing



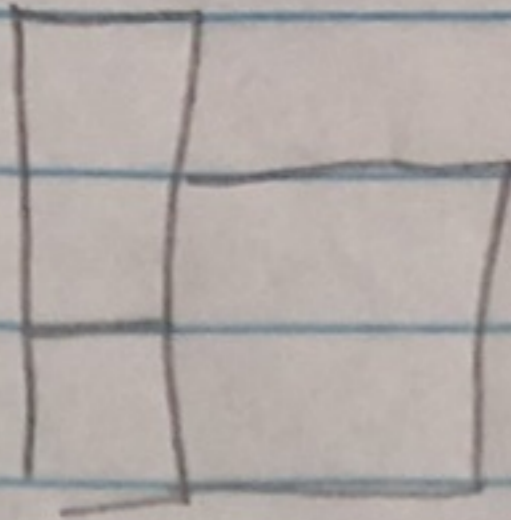
- Orthographic drawing - shows three different views: top, front, right side

Orthographic drawing

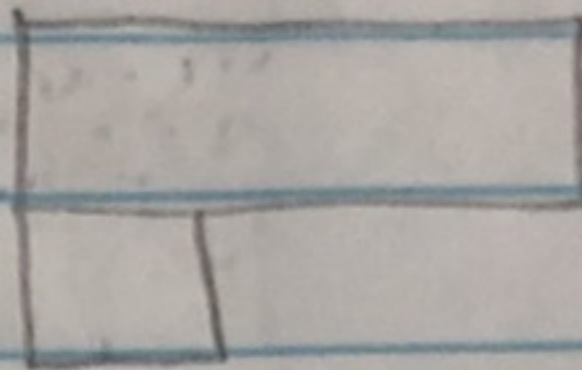




Front:



Top:



Right:

