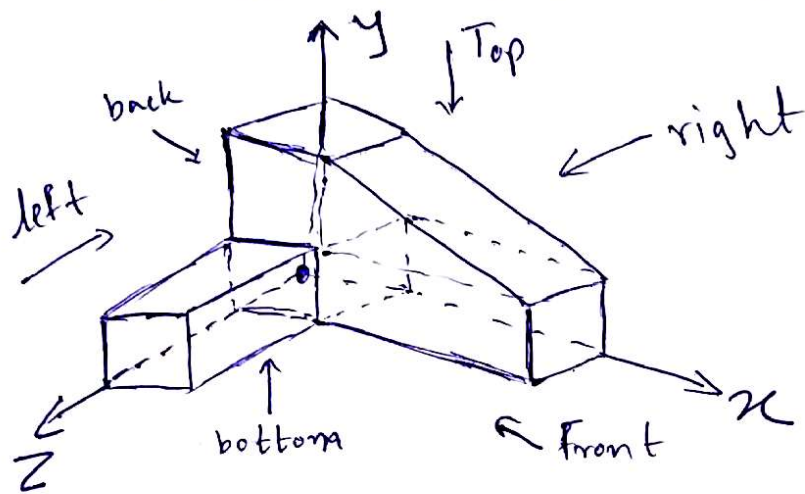
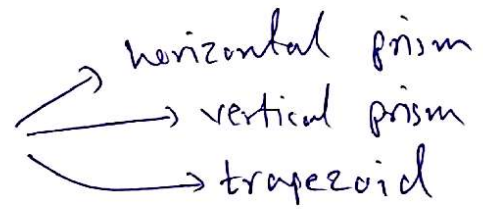


Model & coordinate axes



Origin is the darkened vertex.

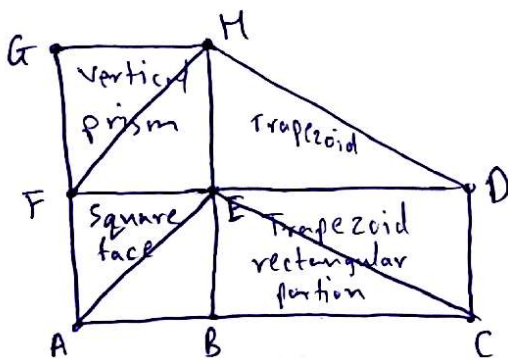
Model is 3 solids joined



Following diagrams shows how each of the faces are divided into triangles.

The vertices remain same for triangle strips just the order in which they are stored in array changes. (Code has comments to link back)

Left side view



$$A = \{0, 0, 3\}$$

$$B = \{1, 0, 3\}$$

$$C = \{3, 0, 1\}$$

$$D = \{3, 1, 1\}$$

$$E = \{1, 1, 3\}$$

$$F = \{0, 1, 3\}$$

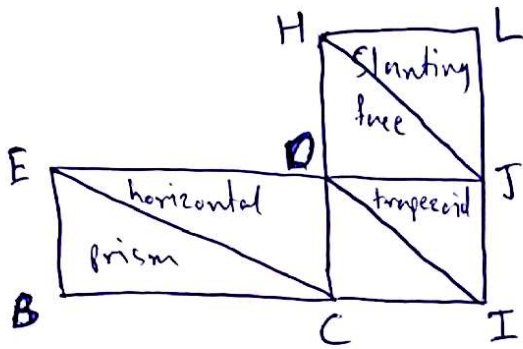
$$G = \{0, 2, 1\}$$

$$H = \{1, 2, 1\}$$

~~Complete
E, F, G, H~~

~~Complete
E, F, G, H~~

Front View



$$B = \{1, 0, 3\}$$

$$C = \{3, 0, 1\} \quad (\text{Hides } \{1, 0, 1\} \text{ in view})$$

$$I = \{3, 0, 0\}$$

$$J = \{3, 1, 0\}$$

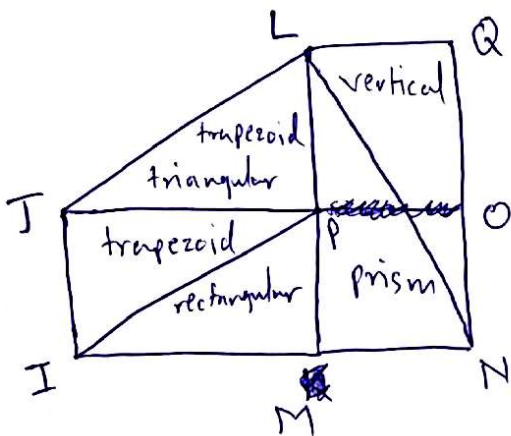
$$\text{D} = \{3, 1, 1\} \quad (\text{Hides } \{1, 1, 1\} \text{ in the view})$$

$$E = \{1, 1, 3\}$$

$$L = \{1, 2, 0\}$$

$$H = \{1, 2, 1\}$$

Right Side View



$$I = \{3, 0, 0\}$$

$$M = \{1, 0, 0\}$$

$$N = \{0, 0, 0\}$$

$$O = \{0, 1, 0\}$$

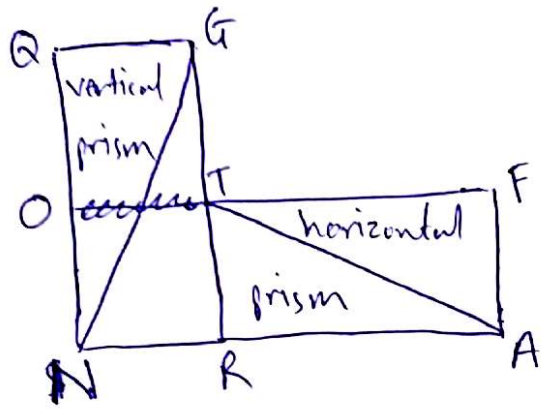
$$P = \{1, 1, 0\}$$

$$J = \{3, 1, 0\}$$

$$Q = \{0, 2, 0\}$$

$$L = \{1, 2, 0\}$$

Back View



$$A = \{0, 0, 3\}$$

$$R = \{0, 0, 1\}$$

$$N = \{0, 0, 0\}$$

$$D = \{0, 1, 0\}$$

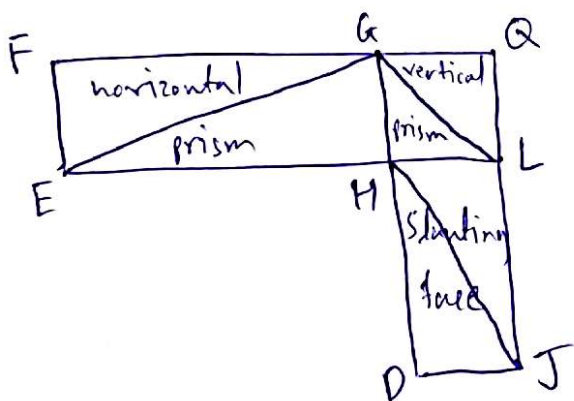
$$T = \{0, 1, 1\}$$

$$F = \{0, 1, 3\}$$

$$G = \{0, 2, 1\}$$

$$Q = \{0, 2, 0\}$$

Top View



$$D = \{3, 1, 1\}$$

$$T = \{3, 1, 0\}$$

$$H = \{1, 2, 1\}$$

$$L = \{1, 2, 0\}$$

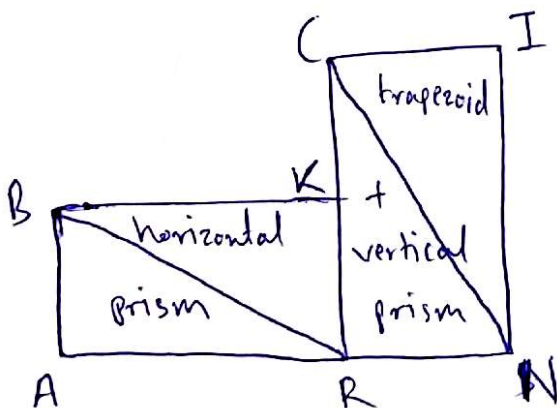
$$Q = \{0, 2, 0\}$$

$$G = \{0, 2, 1\}$$

$$E = \{1, 1, 3\}$$

$$F = \{0, 1, 3\}$$

Bottom View



$$A = \{0, 0, 3\}$$

$$B = \{1, 0, 3\}$$

$$R = \{0, 0, 1\}$$

$$N = \{0, 0, 0\}$$

$$I = \{3, 0, 0\}$$

$$C = \{3, 0, 1\}$$

$$K = \{1, 0, 1\}$$