8.7 Measuring Volumes

May 15, 2007

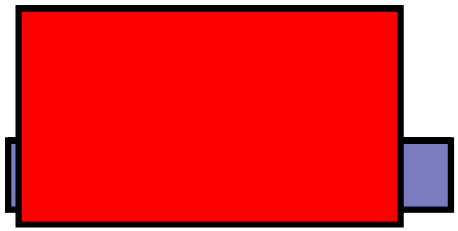
Geometric Solids

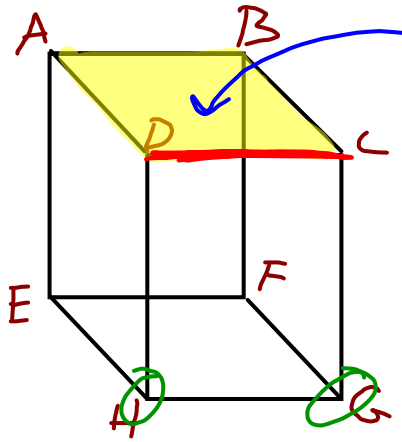
- cardboard Box
- Cereal Box
- Can of Beans
- Jar.
- "Pringles"
- Beach Ball

Curved

Polyhedron

an object created by Planes.





face

- Plane
- Surface
- 6 faces

□ABCD, □DCGH
□ABFE, □ADHE
□BCGF, □EFGH

edge

- where 2 faces Intersect
- 12 edges

$\overline{AB}, \overline{BC}, \overline{CD}, \overline{DA},$

$\overline{EF}, \overline{FG}, \overline{GH}, \overline{HE},$

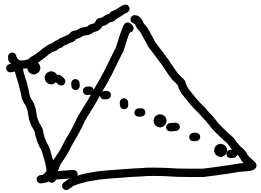
$\overline{AE}, \overline{DH}, \overline{CG}, \overline{BF}$

Vertices

- 2 edges intersect
- 3 Faces Intersect
- "what we lable"
- 8 vertices

A, B, C, D, E, F, G, H.

Special Polyhedron: # of Faces



Tetrahedron → 4 faces

Hexahedron → 6 faces

Octahedron → 8 faces

Dodecahedron → 12 faces

Icosahedron → 20 faces

O.T.L.

① pg 267: exp. 1, 2, 3.

2: Posters Due : Next Wednesday

Notebooks Due Next Wednesday Also.