

8.7 Measuring Volumes

May 15, 2007

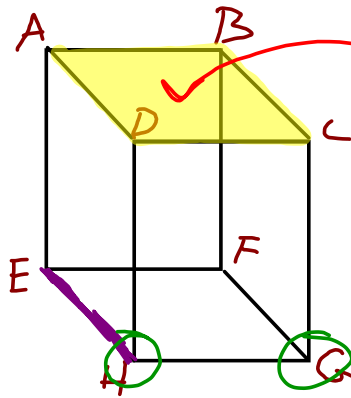
Geometric Solids

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

Polyhedron

an object
created by
Planes.





face

- Plane
- Surface
- 6 faces
- ABCD, □ DCGH
- ABFE, □ ADHE
- BCGF, □ EFGH

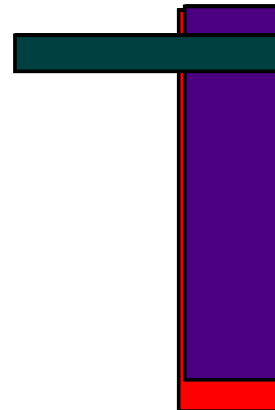
edge

- where 2 faces intersect
- 12 edges

AB, BC, CD, DA,
EF, FG, GH, HE,
AE, DH, CG, BF

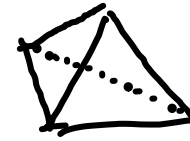
vertices

- 2 edges intersect
- 3 Faces intersect
- "what we label"
- 8 vertices
- A, B, C, D, E, F, G, H.



Special Polyhedron: # of Faces

Tetrahedron → 4 faces

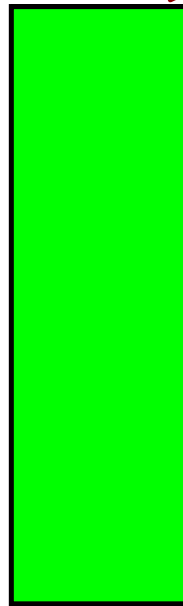


Hexahedron → 6 faces

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