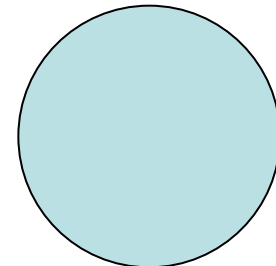
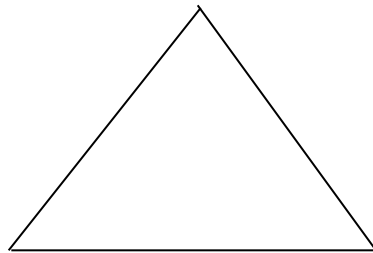
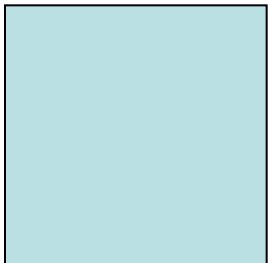




Sketching Techniques

Purposes of Sketching

- Think through a design
- Convey your ideas
- Uses lines and symbols to describe a design



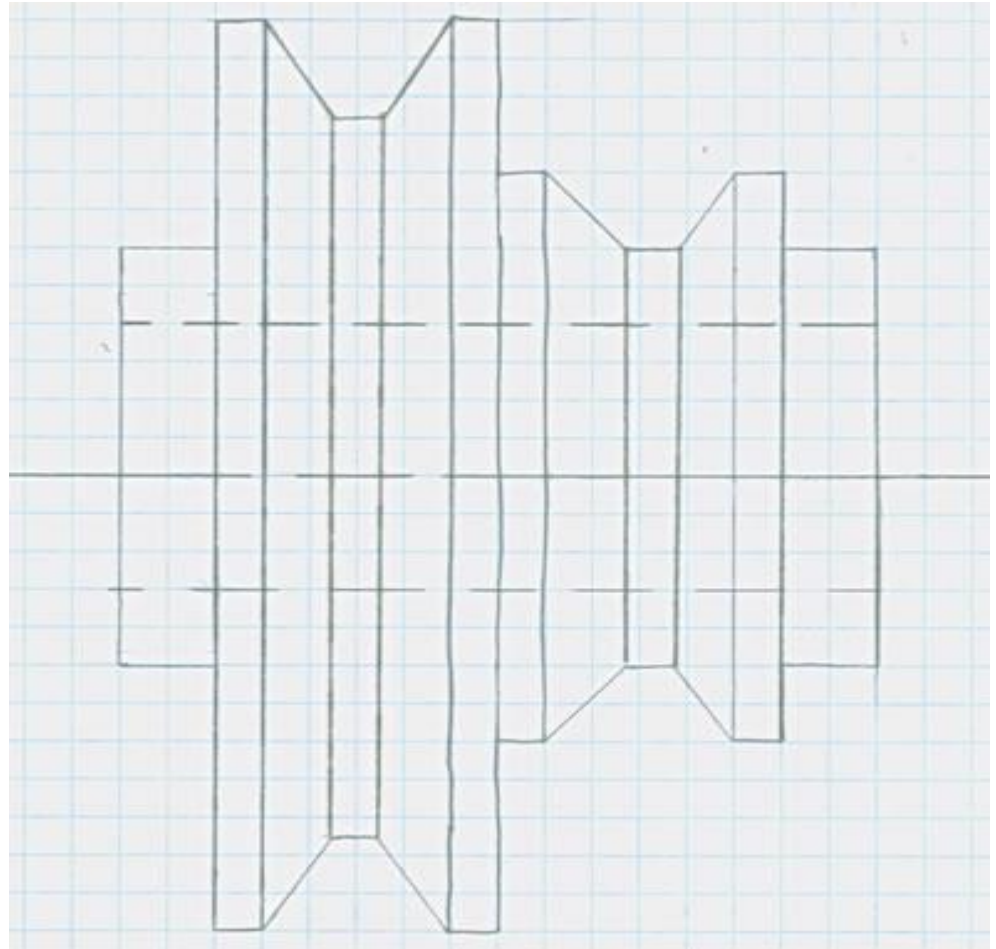
Common Uses of Sketching

- Brainstorm
- Communicate
- Document Measurements



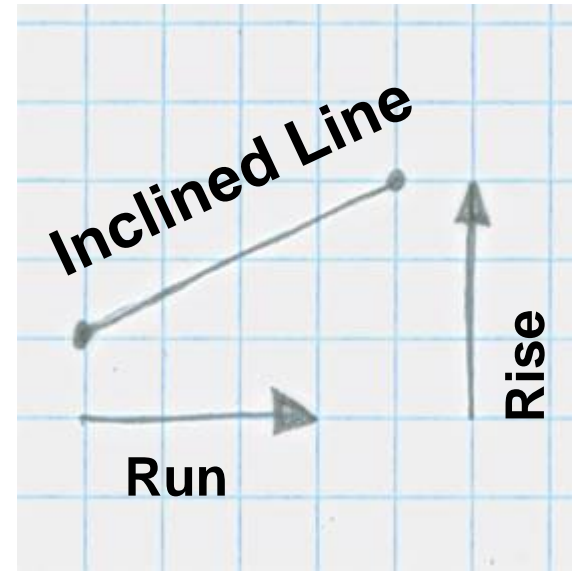
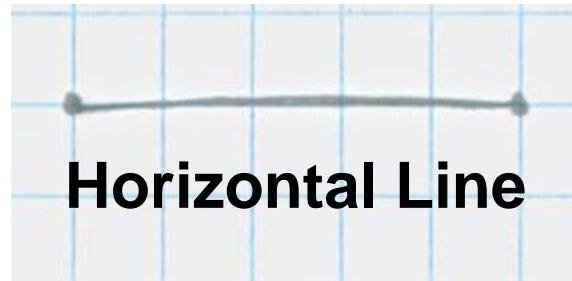
Advantages of Sketching

- Convenient
- Inexpensive



Sketching Techniques

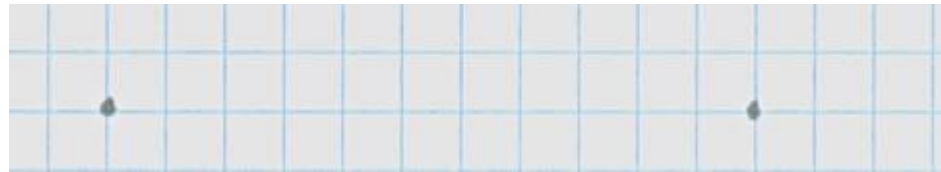
Lines



Sketching Techniques

Sketching a Line

1)



2)

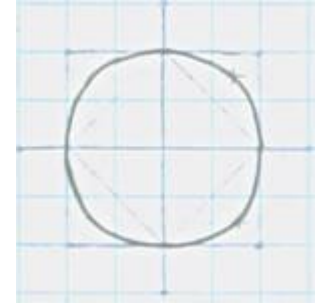


3)

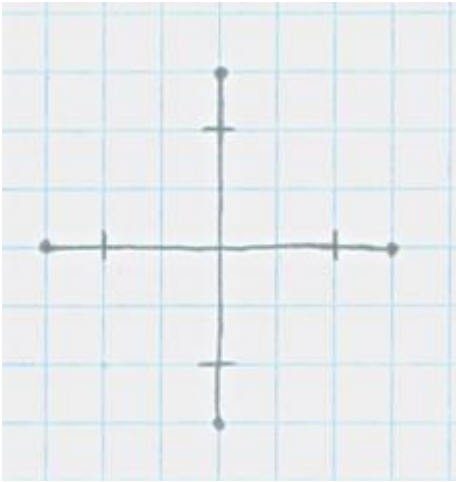


Sketching Techniques

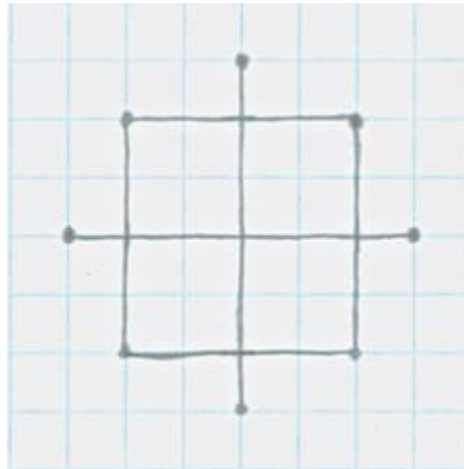
Sketching a Circle



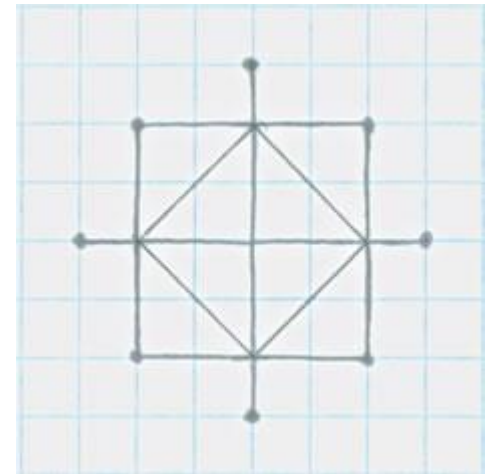
1) Set up the diameter



2) Square in the diameter

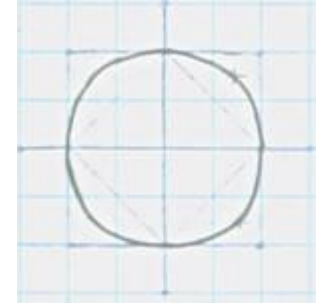


3) Sketch diagonals

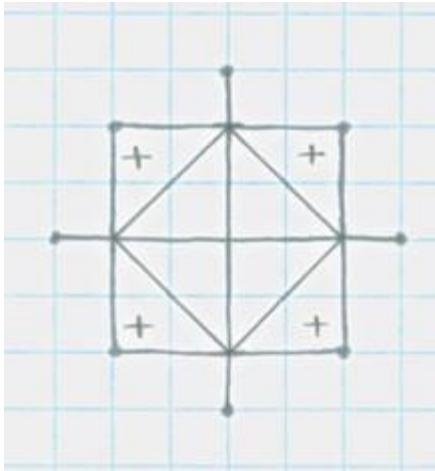


Sketching Techniques

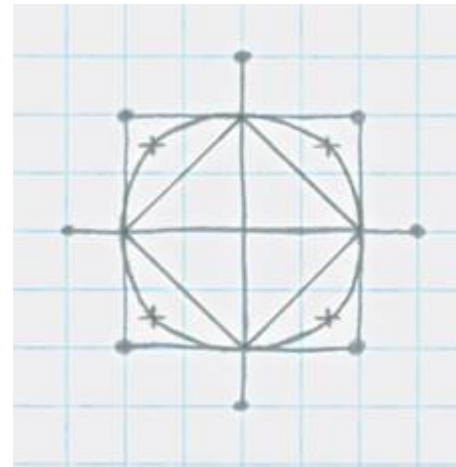
Sketching a Circle



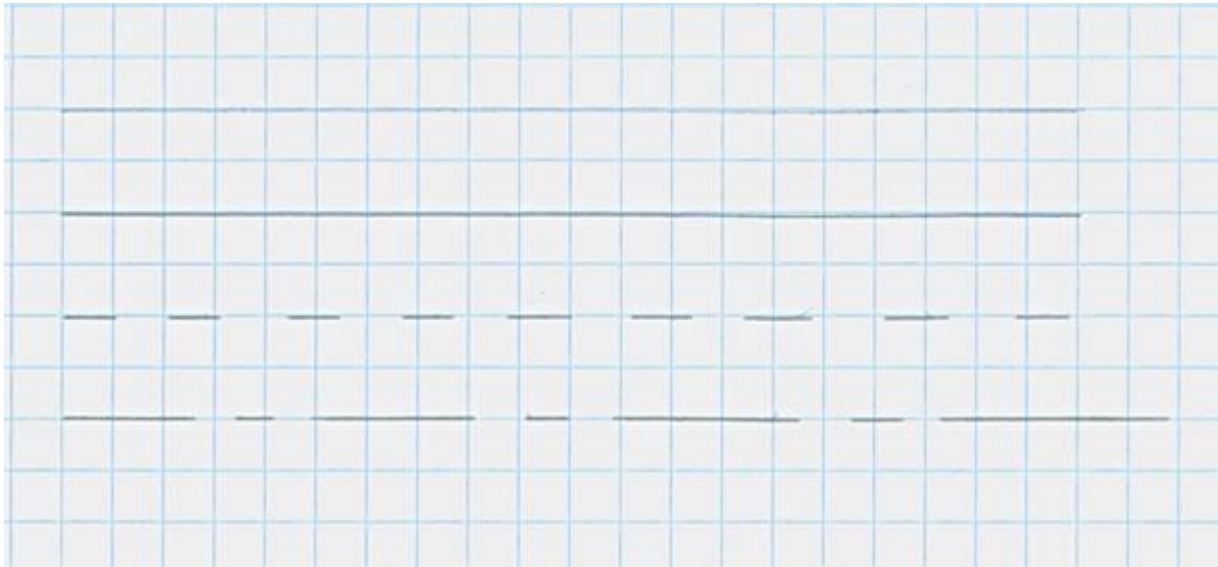
4) Identify triangle centers



5) Sketch arcs



Alphabet of Lines



Construction

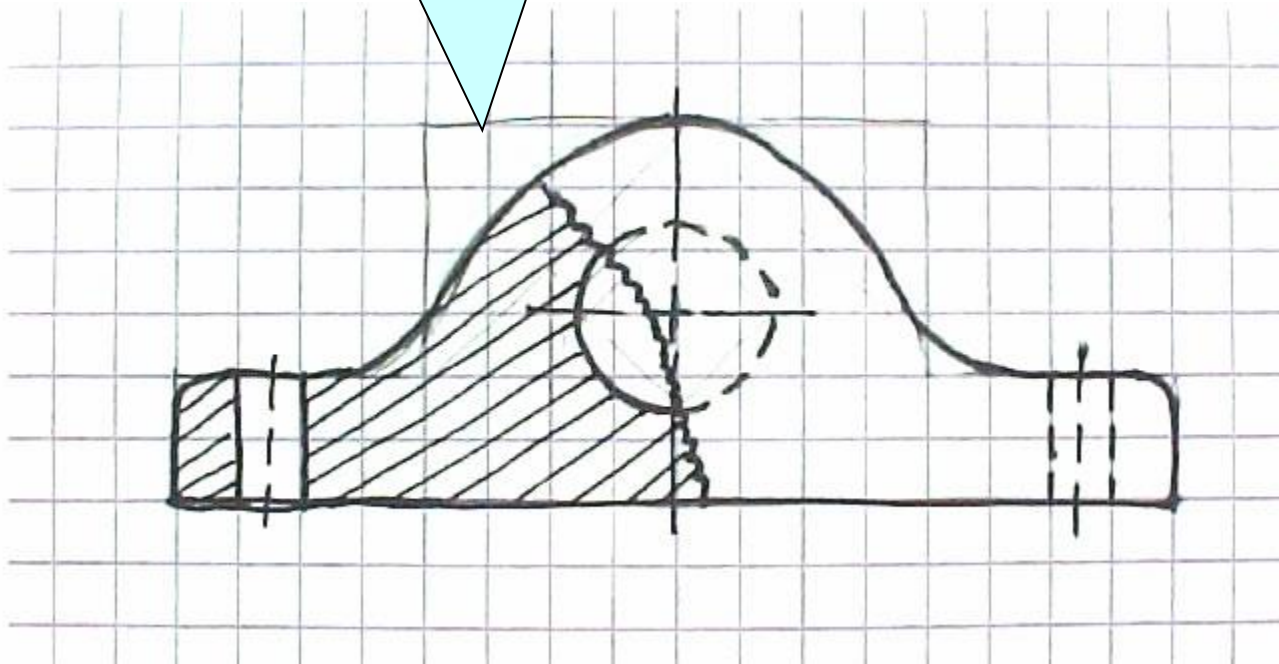
Object

Hidden

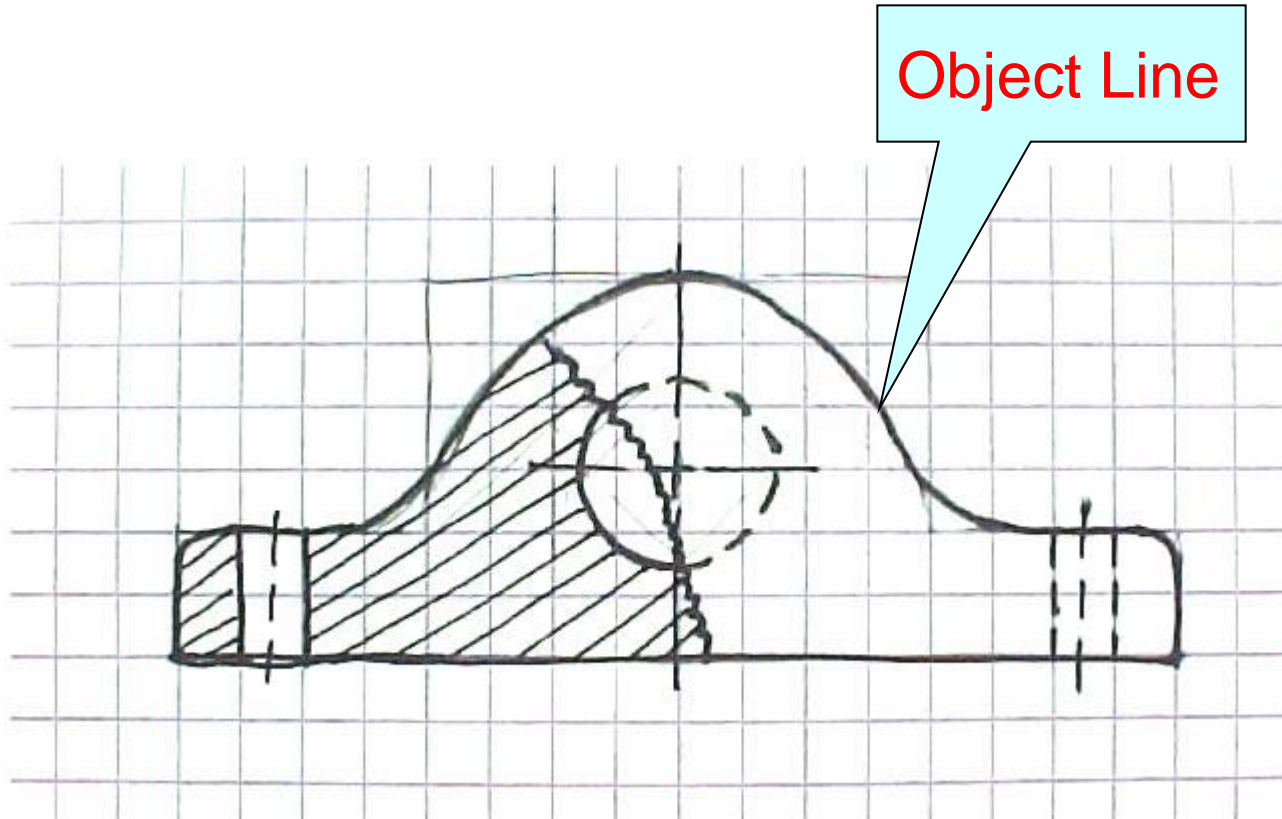
Center

Alphabet of Lines

Construction Line

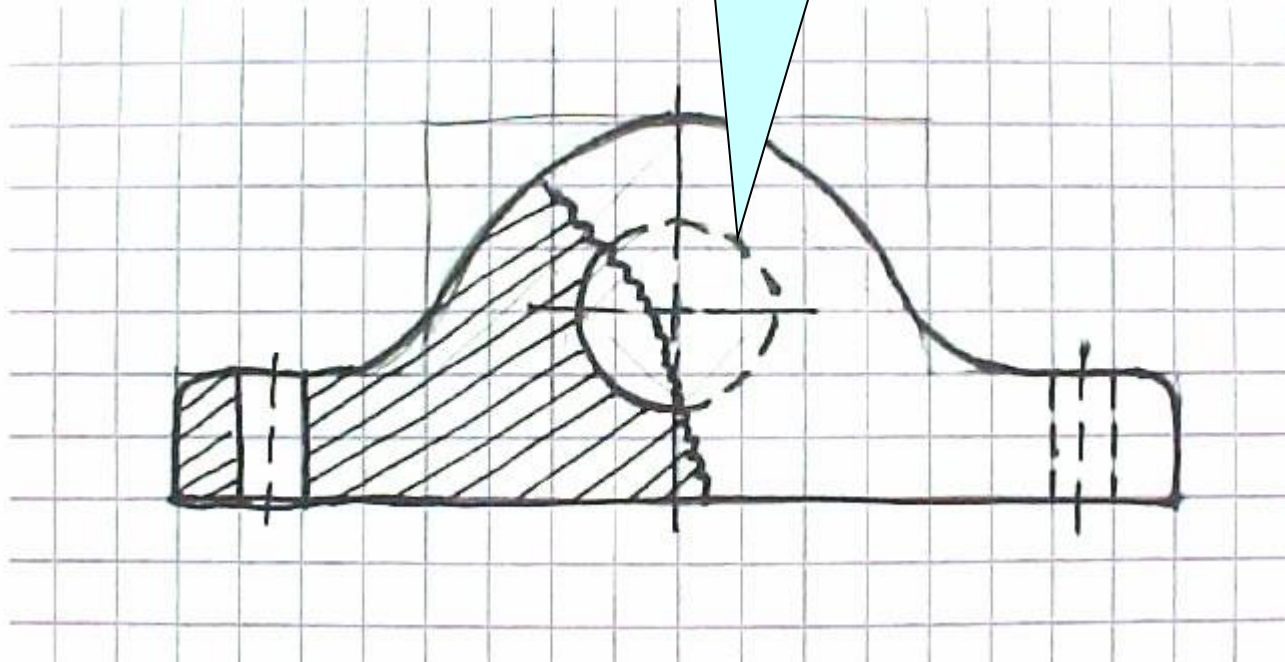


Alphabet of Lines



Alphabet of Lines

Hidden Line



Alphabet of Lines

Center Line

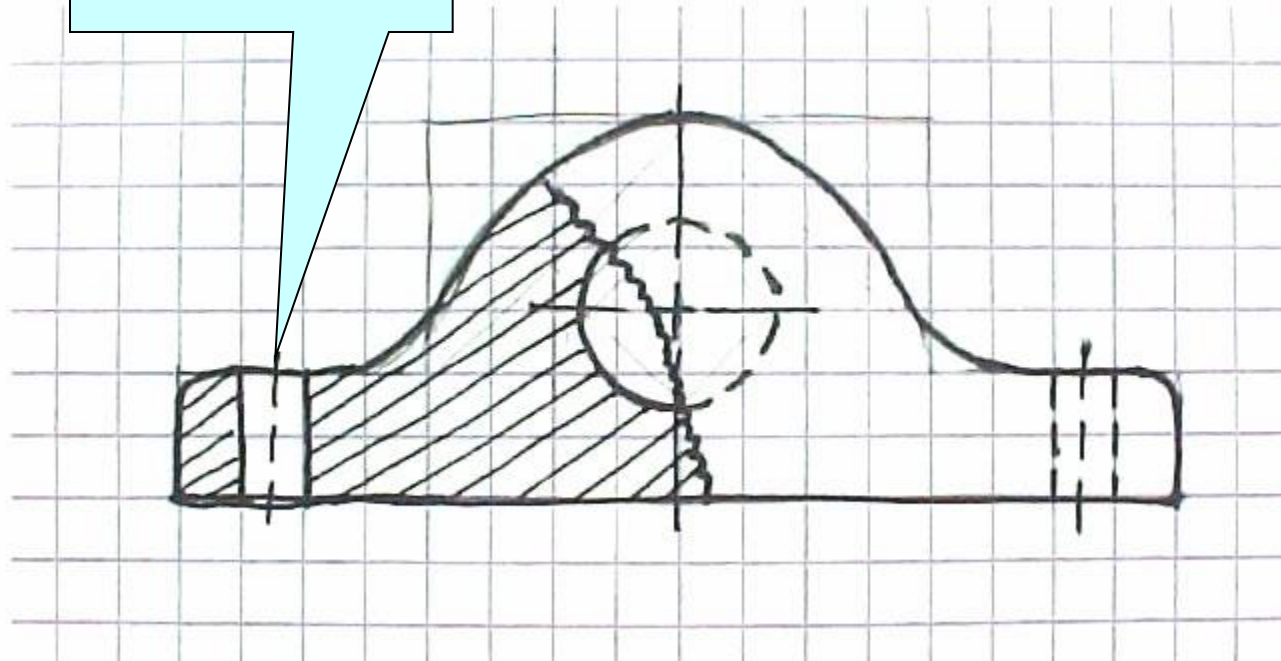


Image Resources

Microsoft, Inc. (2008). Clip Art. Retrieved October 20, 2008, from <http://office.microsoft.com/en-us/clipart/default.aspx>