

PERSPECTIVE

# Perspective (illusion of Space)

- While there is no actual depth or distance in 2-D art, artists have created techniques to create the illusion of depth or distance on these flat surfaces. The following represents some of those techniques:
- The most prominent of these techniques is the application of **linear perspective**. Through this application distant objects are rendered proportionately smaller than closer ones. The determining factors of this space depends upon the horizon line and vanishing points.
- Another of the more prominent techniques is known as **atmospheric perspective**. This application renders distant objects and spaces with less detail and intensity than closer objects. For example, the use of bluer colors for distant shapes can suggest space between the viewer and the shapes.
- The **placement of objects** can give the illusion of space. Distant shapes are higher and closer shapes are lower in the picture plane.
- **Overlapping** of objects on the picture plane can suggest space.



Piero Della Francesca

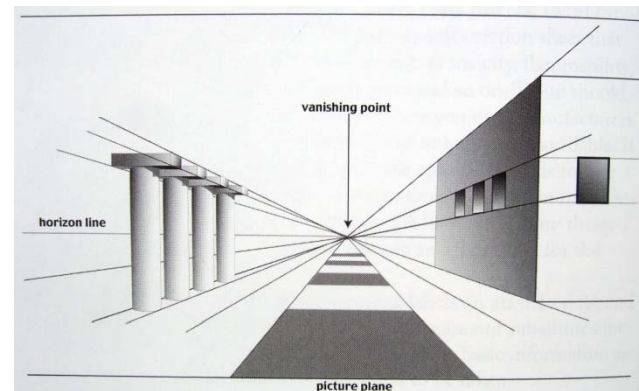
# Linear Perspective:

- One-Point Perspective:

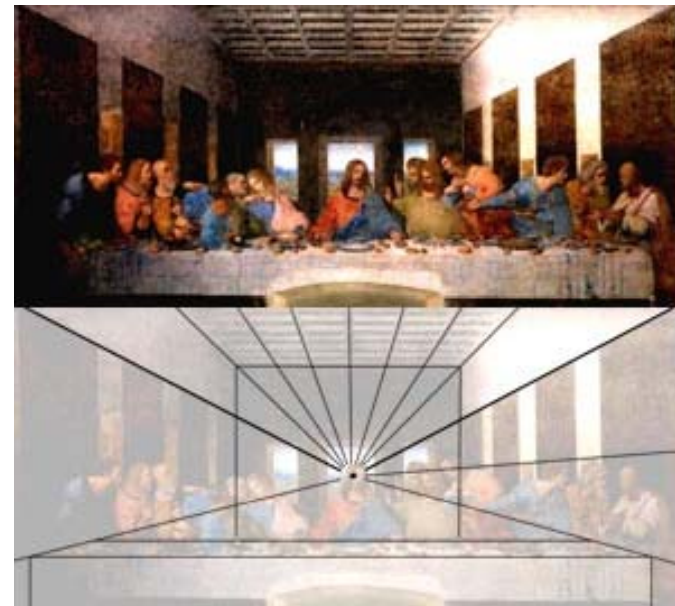
Vanishing point (setting sun)

Horizon line (where the earth curves)

Picture/ground plane (where you stand)

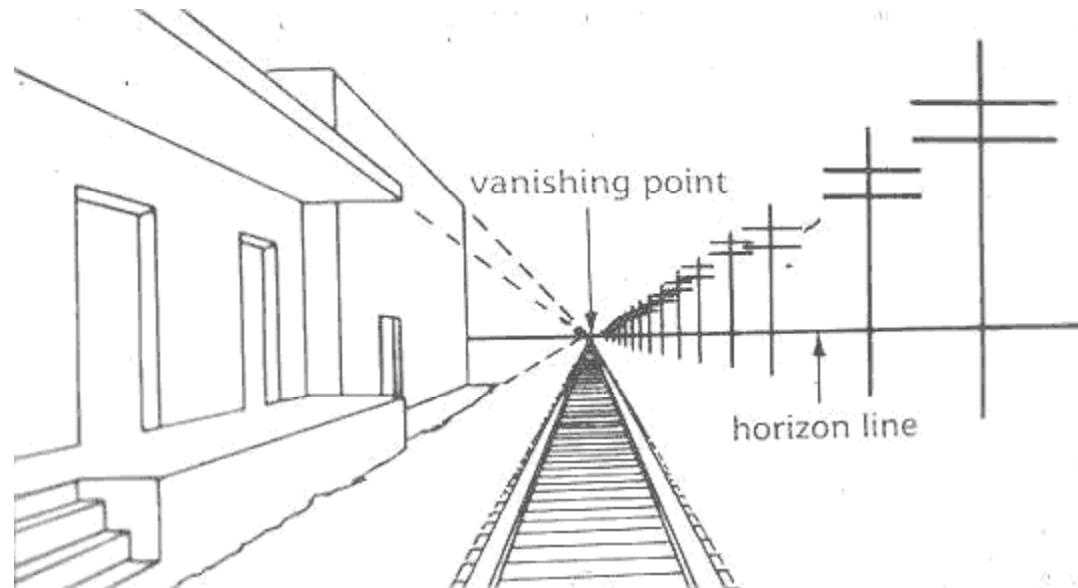


(Not one-point! Multiple points)



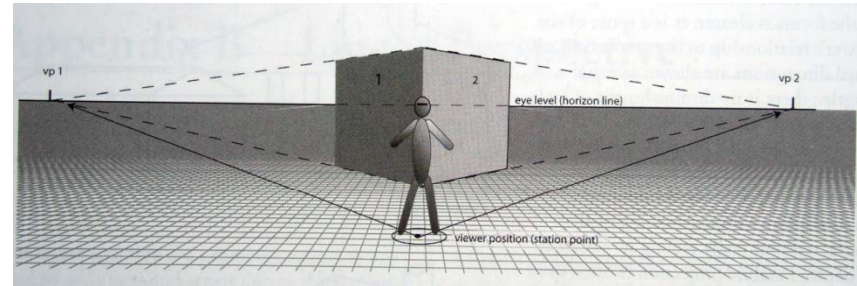
# One-Point Perspective

- Everything recedes to the same point
- Objects get smaller as they recede



# Linear Perspective:

- Two-Point Perspective:  
Two vanishing points on the horizon line



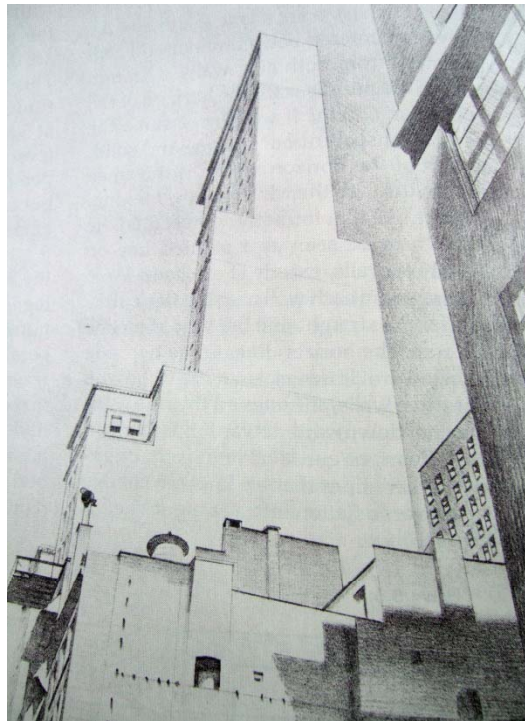
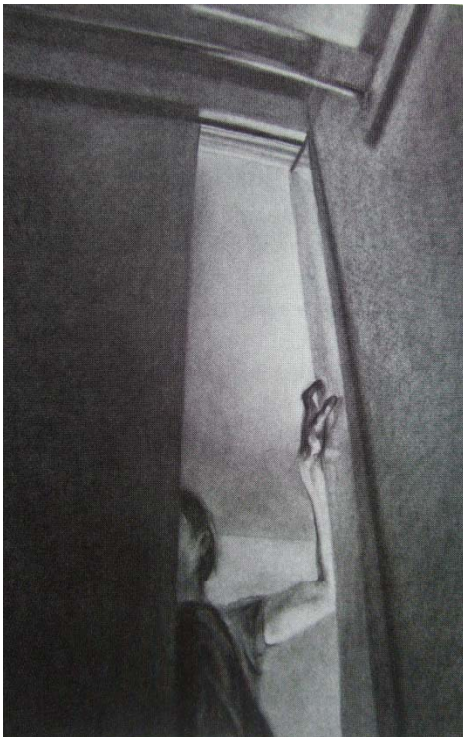
Gustave Cailbotte

# Linear Perspective:

Three-Point Perspective:

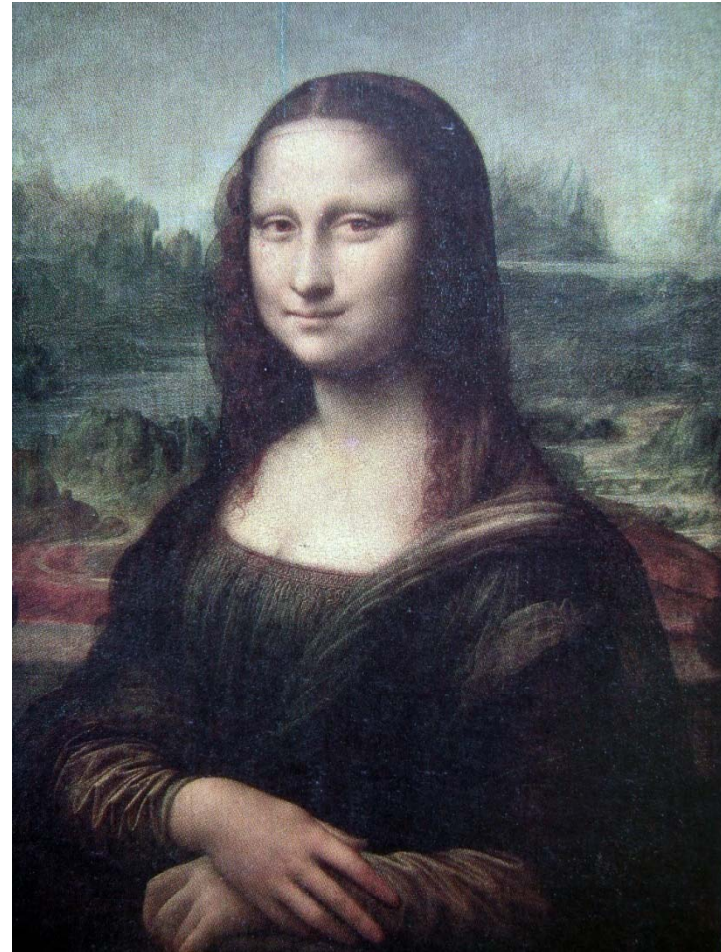
Objects recede in a third direction, either up or down.  
This is needed for the illusion of looking up or down at an object.

(Actually this is 1 point perspective using a Non-traditional point instead of the traditional one on the horizon line.)



# Atmospheric Perspective

This type of perspective is created when objects in the background are less clear, less colorful and less detailed.



Leonardo Da Vinci

# Other Perspective Devices

- Overlapping



- Placement and size of objects on the page

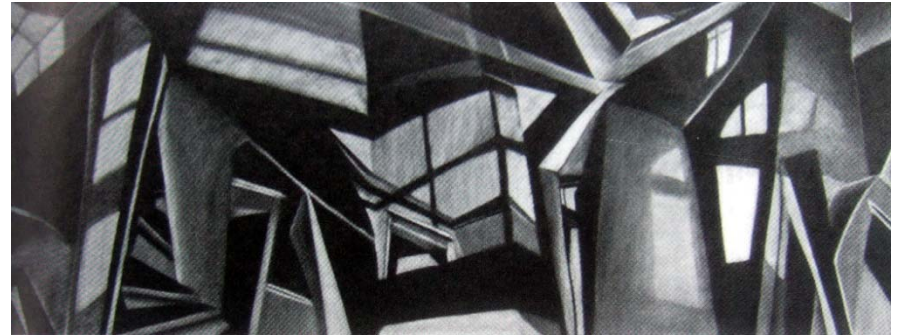


<http://blog.miragestudio7.com>

Objects of equal sizes appear smaller as they recede into space

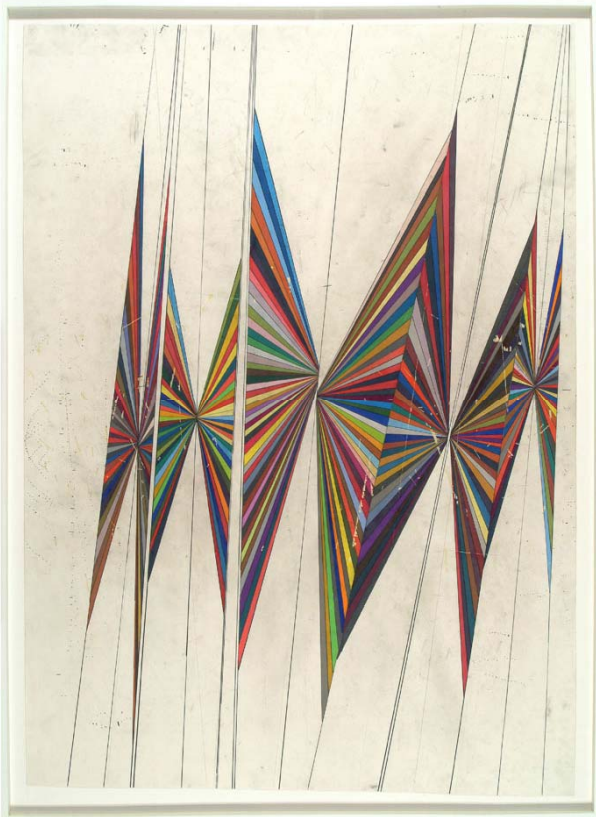
# Really ambitious perspective

Artist: Eileen Gillespe



# Perspective -Contemporary

Artist: Mark Grotjahn



# More artists who use perspective: Edward Hopper and Wayne Thiebaud



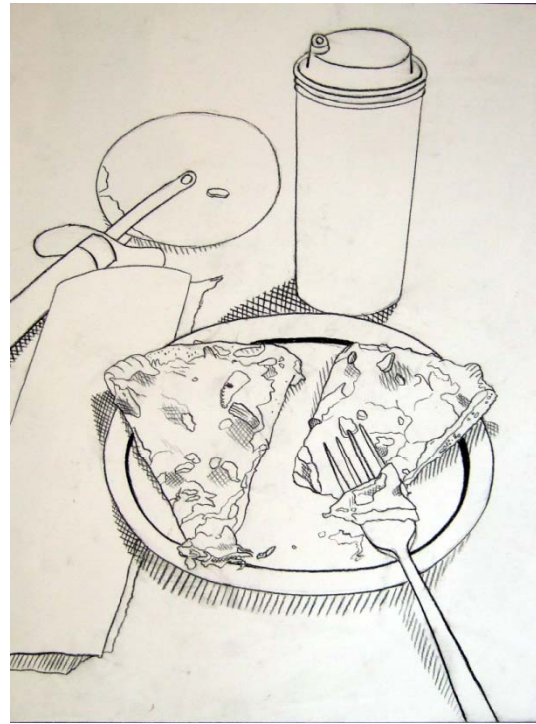
Hopper



Thiebaud



## A few After Dinner Assignment Examples



# Interior Room Perspective Examples

