

# Perspective Drawing



Two-Point Perspective

# Perspective

- During the Renaissance artists became interested in making two-dimensional artwork look three-dimensional.
- Renaissance- (1450-1600): The Renaissance began in Italy and spread through Northern Europe. Art, Science, and Literature grew during this time.

# Perspective

- **Many of the earlier works artists created showed little depth.**
  - **Does this picture reflect depth? Why or why not?**
  - **How could this picture be changed to increase its' depth?**



Kaufmann Haggadah. Spain, late 14th C.

# Perspective



- Artists used mathematics and close observation to invent linear perspective.
- Linear perspective allows artists to trick the eye into seeing depth on a flat surface.

# Perspective

## Influential People during the Renaissance

### ➤ Art:

- Michelangelo
- Leonardo da Vinci

### ➤ Science

- Galileo

### ➤ Literature

- Shakespeare



Raphael, *School of Athens*,  
*One-point linear perspective*

# Perspective

- **Many artists have used a variety of different techniques to show depth. However it was not until the Renaissance that artists developed a system to show depth logically and consistently.**

# Perspective

## ➤ Linear Perspective:

- Based on the way the human eye sees the world.
- Objects that are closer appear larger, more distant objects appear smaller.
- To create the illusion of space the artists creates a vanishing point on the horizon line.
- Objects are drawn using orthogonal lines, which lead to the vanishing points.

# Perspective

- **Vanishing Point**

- **The single point on the horizon where all the lines on the ground level seem to come together**

- **Horizon Line**

- **The place where the land and the sky meet.**

- **Orthogonal Line**

- **Lines that connect to the vanishing point**

# Perspective



- Can you locate the Horizon Line?
- How did you determine this?
- Can you find the vanishing point in this picture?

# Perspective

The **red line** is the **Horizon Line**.



# Perspective

Can you locate the **vanishing point**?



# Perspective



# Perspective

Objects seen at an angle would be drawn with two-point perspective using two vanishing points. Artwork with two-point perspective often has vanishing points "off the page".



# Perspective

Lines leading to the vanishing points are called orthogonals.



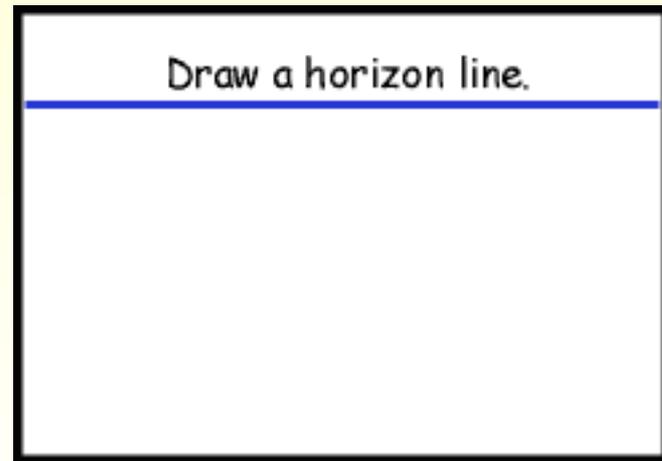
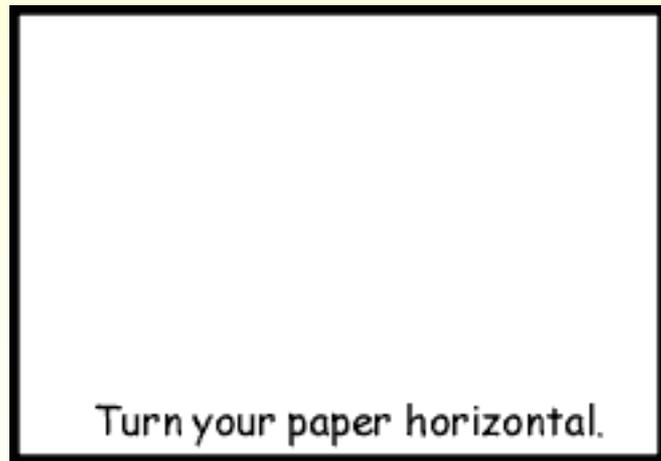
# Perspective

In two-point perspective the front edge of the form is seen as the closest point.



# Perspective

Draw a horizon line towards the top of your paper.



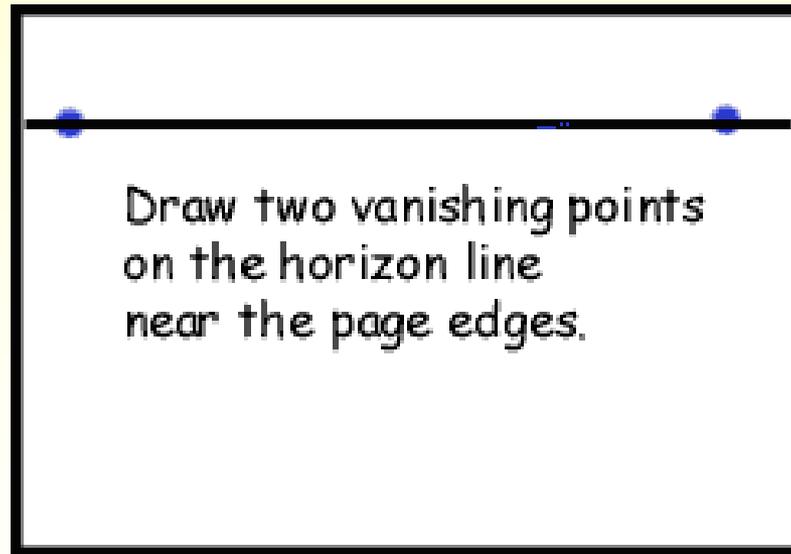
# Perspective

Make sure the end of the ruler (or side of the triangle) flush with the edge of the paper. If lines are not exactly vertical your drawing will be crooked.



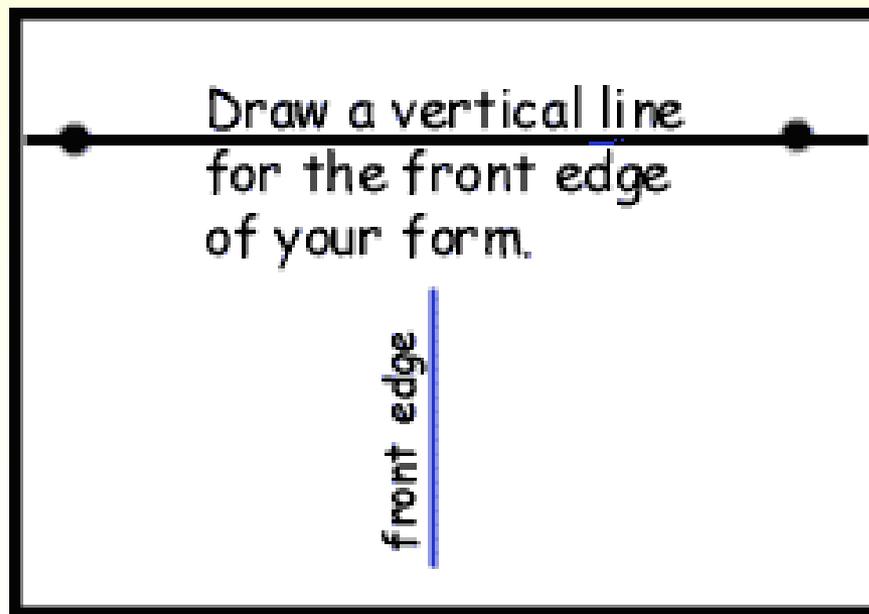
# Perspective

Draw two vanishing points on the horizon line near the page edges.



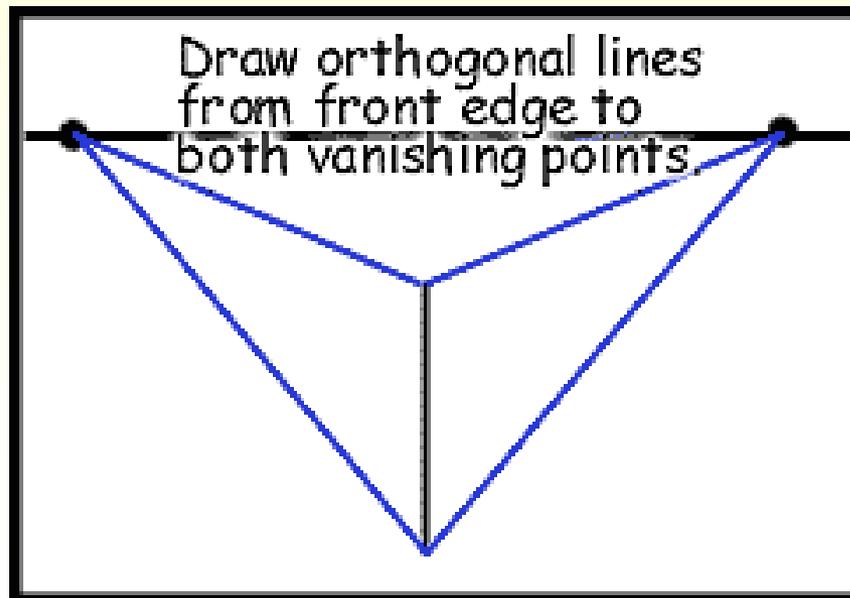
# Perspective

Now draw a vertical line this is your front edge. Draw it in near the bottom middle of the page, so you have plenty of room to add more forms to your building.



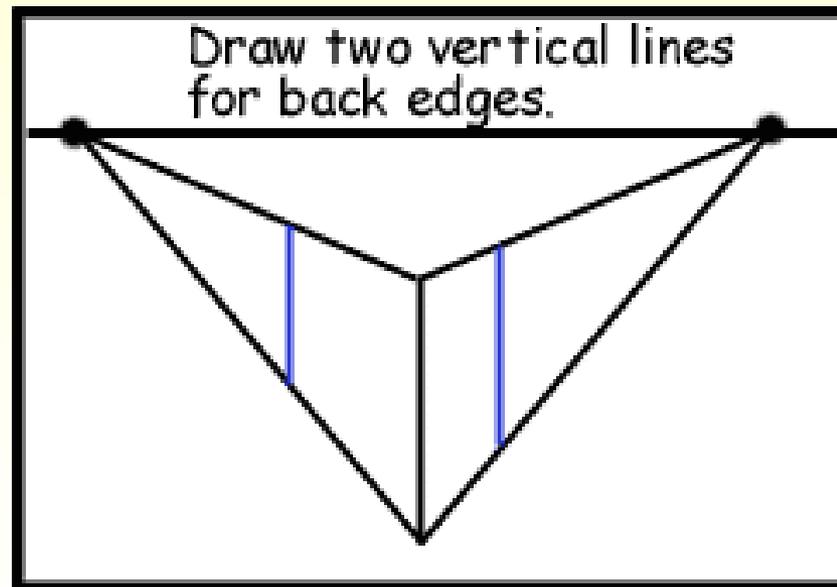
# Perspective

Now connect the both ends of the front edge to both vanishing points. These are orthogonals. Draw lightly so you can erase!



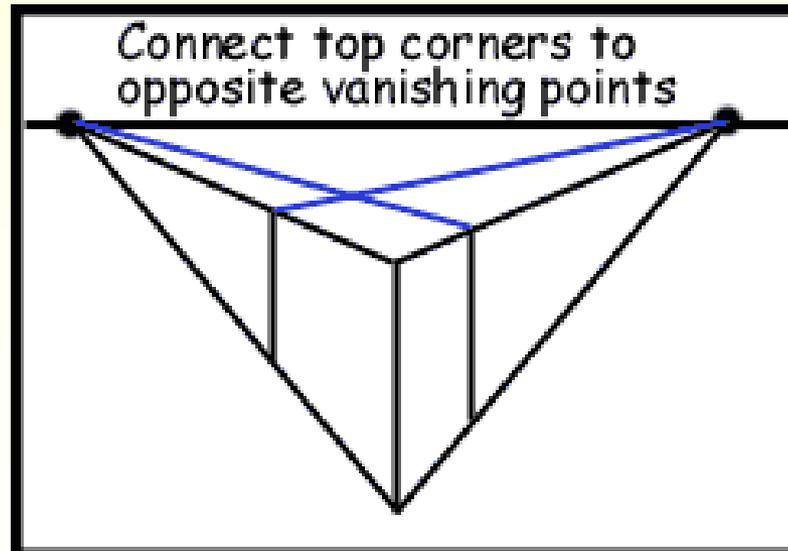
# Perspective

Draw two vertical lines between the orthogonals where you want the back edges of your form to appear.



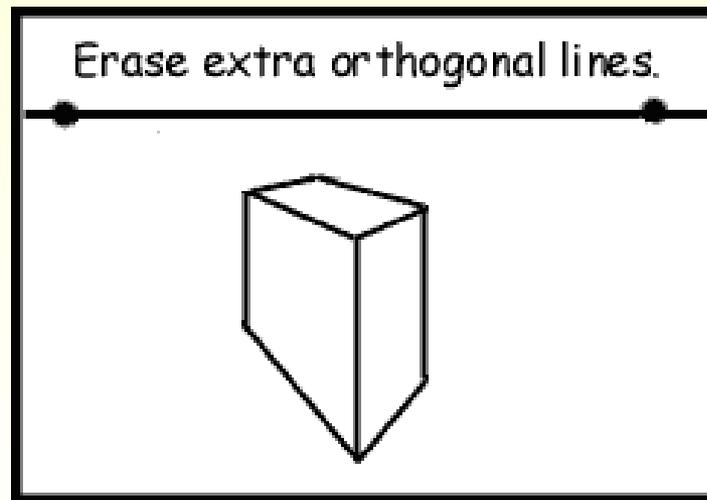
# Perspective

**Now join the back and top corners to the opposite vanishing point to complete the top of the form.**



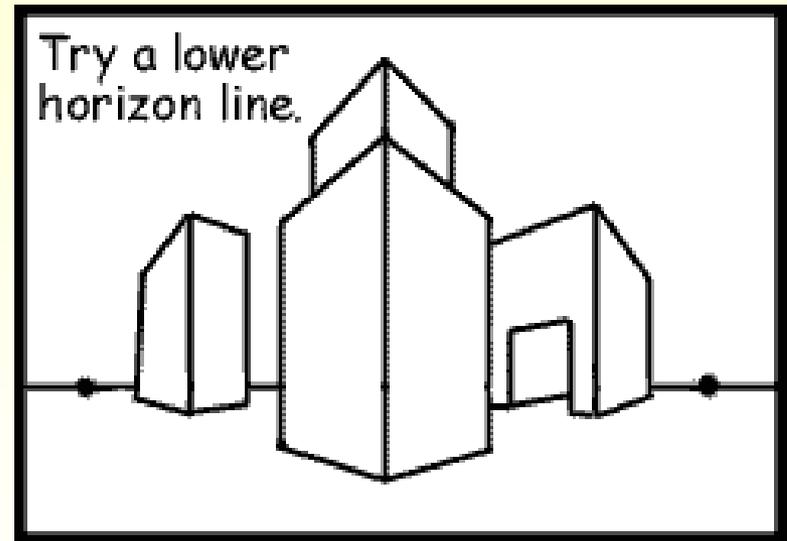
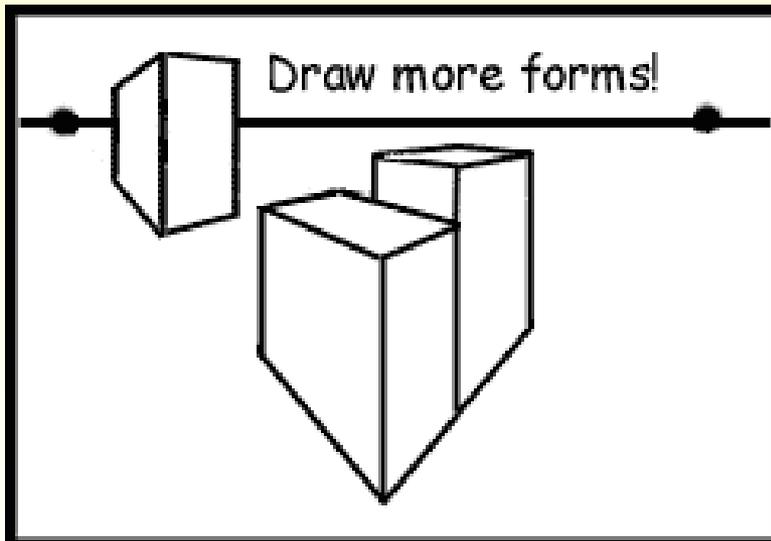
# Perspective

Erase the extra orthogonals. Now you have a form drawn in **two-point perspective**!

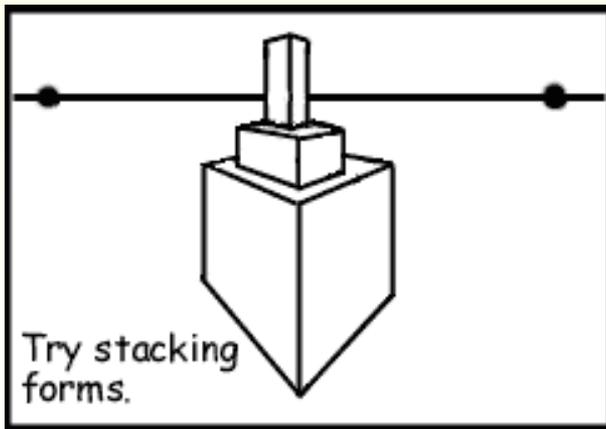
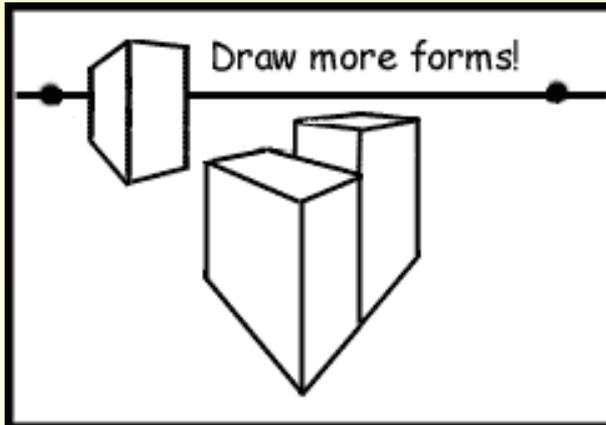


Now you're done!

# Perspective



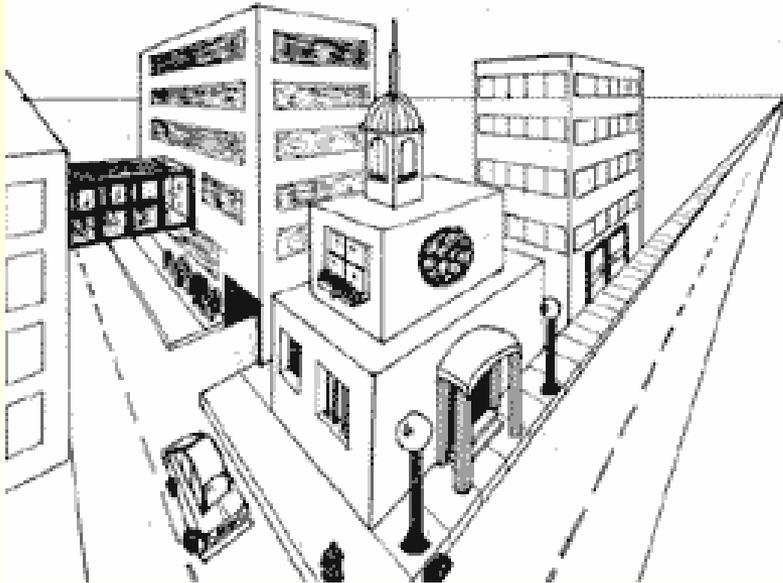
# Perspective



## Your First Assignment:

- ✓ Create a drawing of boxes in 2-point perspective.
- ✓ Stack Forms on top of each other
- ✓ Add Design or Texture to your box forms.

# Perspective



## Your Final Assignment:

- ✓ Create a fantasy city using two-point perspective!
- ✓ Sketch out in pencil first. Add forms and details to create your city.
- ✓ Outline with black sharpie marker.
- ✓ Paint with watercolor to finish your city.