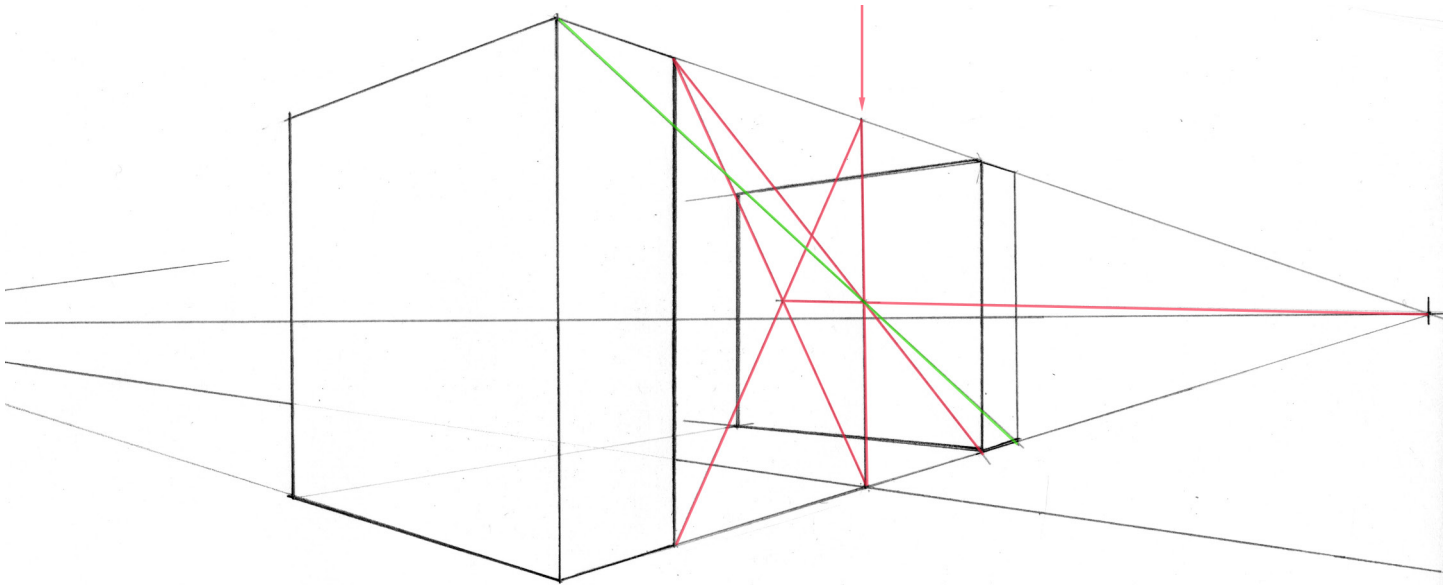


Reflection Study



In this example a box is being reflected in a surface that is some distance away from the box. The edge of the reflective surface is parallel to the box. the reflection will have to account for the distance between the box and the reflective surface. Use Diagonal Technique #4 for this.

- Draw a box in 2-point perspective.
- Behind the box draw a line that vanishes to the left V.P. This line is parallel to box in that direction.
- Extend the base line of the box to the right V.P.
- Where it meets the glass wall draw a vertical line. The red arrow points to this measurement line.
- Extend the top line of the box to the right side V.P.
- This creates a box of pure geometry describing the distance between the box and the glass wall.
- Use Diagonal Technique #1 to duplicate this box in perspective. See the red lines.
- The vertical drawn when this box is duplicated is the reflection of the inner edge of the original box.
- Draw a diagonal from the upper corner of the box through the halfway point to find the far edge of the reflected box. See the Green Diagonal.
- Complete the geometry of the reflected box using the V.P.s and vertical lines.