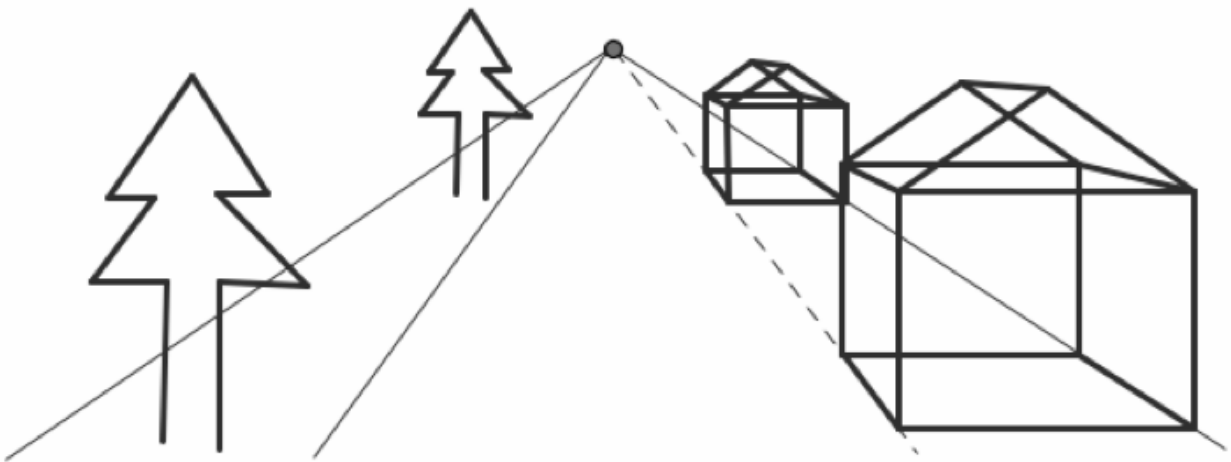


Linear Perspective Problem

Linear perspective is a method designers use to show three dimensions in a picture. The simplest way to use linear perspective is to select one point in the distance, called a “vanishing point”. The objects in the picture below follow lines called “perspective lines” back to the vanishing point.

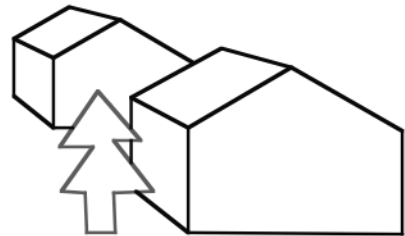
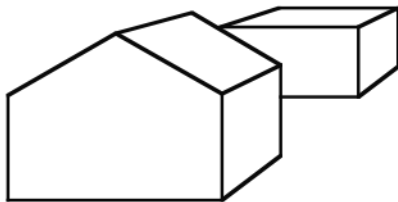


1) Are the real-life heights of the two houses the same or different? How can you tell?

2) Now investigate the trees. Are they the same height in real-life? How can you tell?

Linear Perspective Problem

The following picture is a perspective drawing of a neighborhood that is still being built. Each of the two houses in front is 15 feet tall to the top of the roof.



- 3) The second house back on the left side of the street isn't finished yet. Make this a 2-story house with a roof.
- 4) Add a tree in front of each house. All the trees should be the same height as the given tree.
- 5) How tall are the trees that you drew in #4?
- 6) Add some other things to the picture. Make sure whatever you add follows the rules of 1-point perspective.