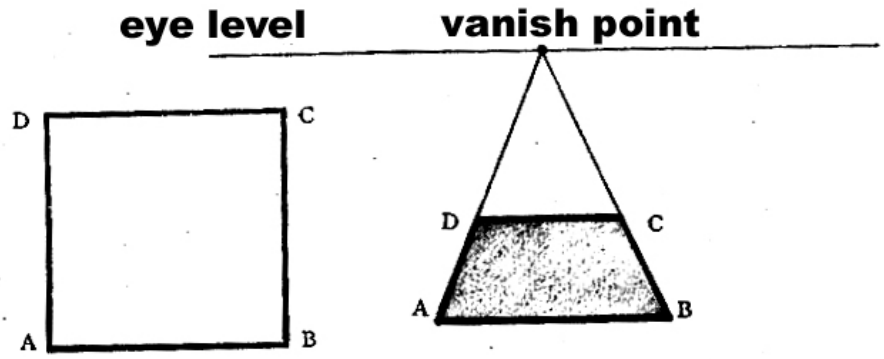
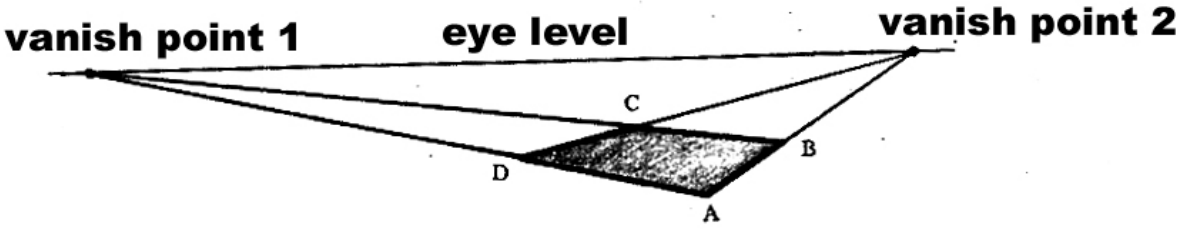
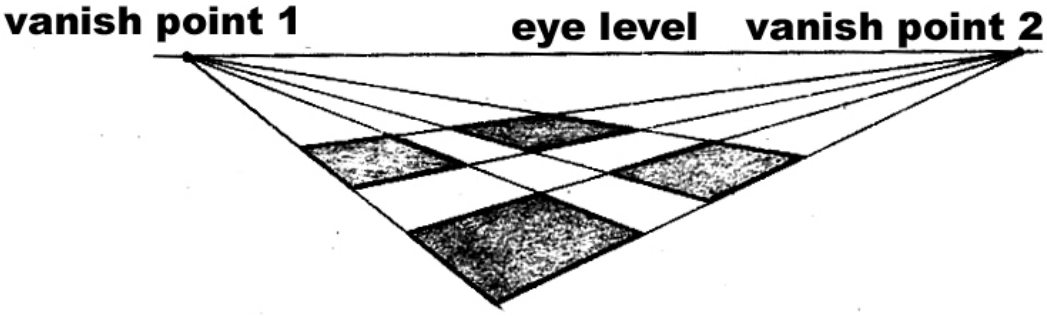


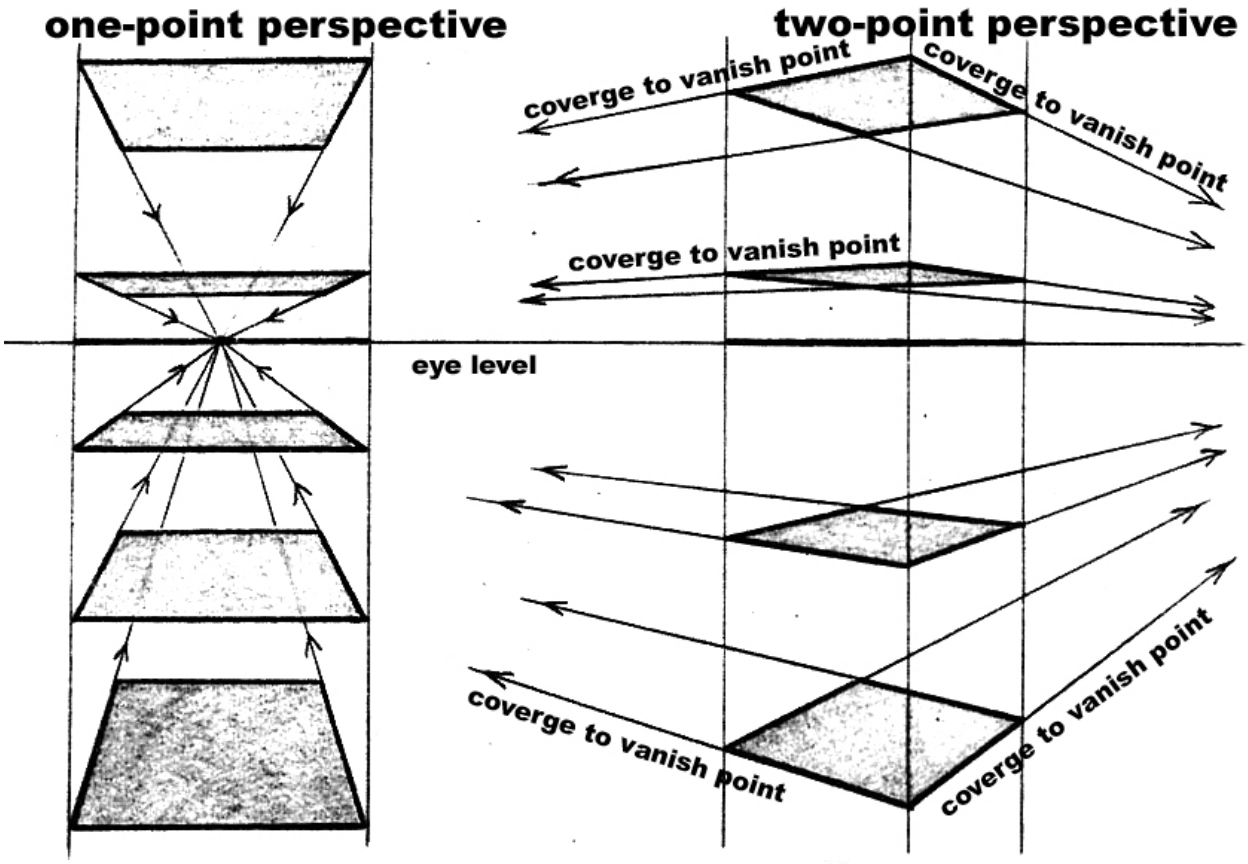
One-Point Perspective
The example of the square is a classicmdemonstration of one -point perspective. If you were to stand at the center of a square, the edge-AD and BC will converge to one point on your eye level. This point is called Vanish point.

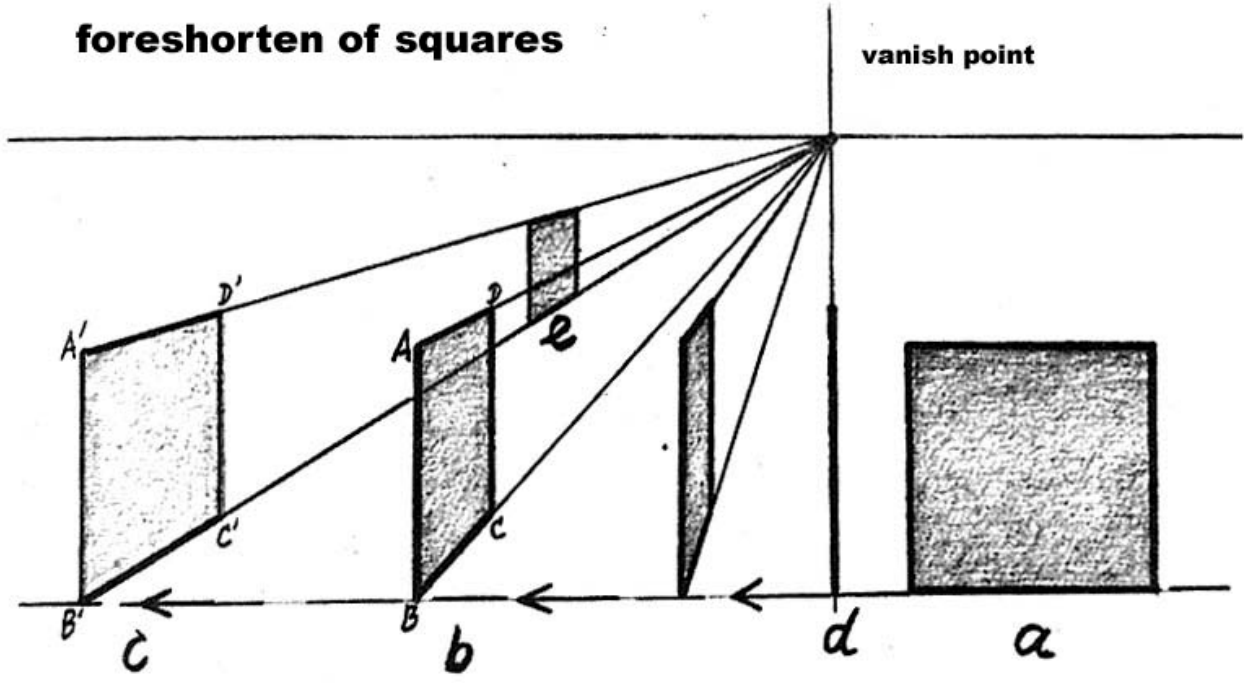


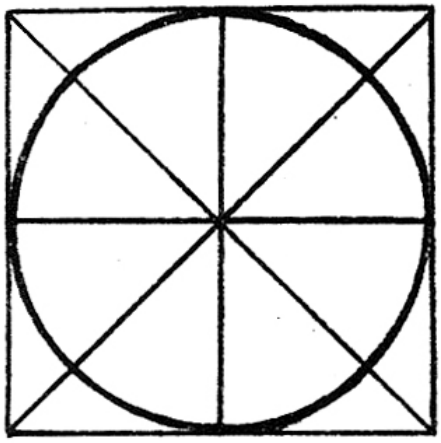
Two-Point Perspective
When a square is positioned so that none of its edge is parallel to the picture plane, you will no longer using one vanish point.

On your eye level, there have two vanish points, and the edge-DA,CB and the edge-AB, CB vanish to two opposite directions. DA and CB converge to vanish point1. AB and DC converge to vanish point2.

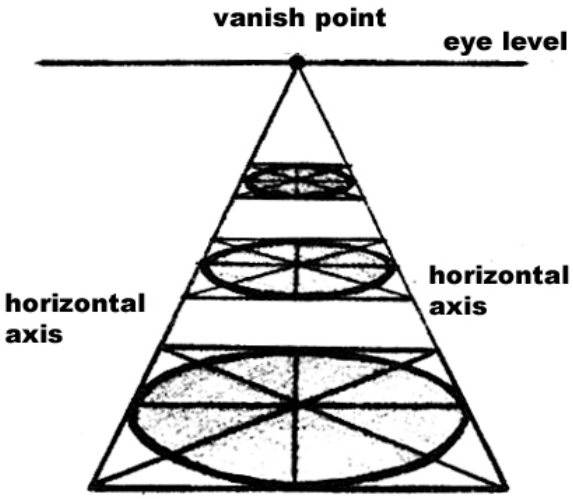



one-point perspective
two-point perspective
coverge to vanish point
coverge to vanish point
coverge to vanish point
eye level
coverge to vanish point
coverge to vanish point


foreshorten of squares
vanish point
A'
D'
C'
B'
A
D
C
B
e
c
b
d
a

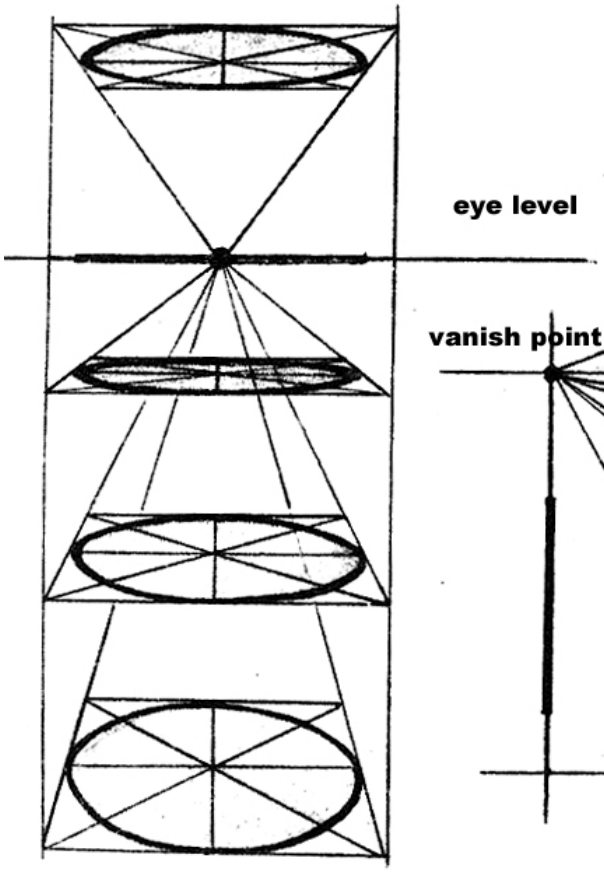


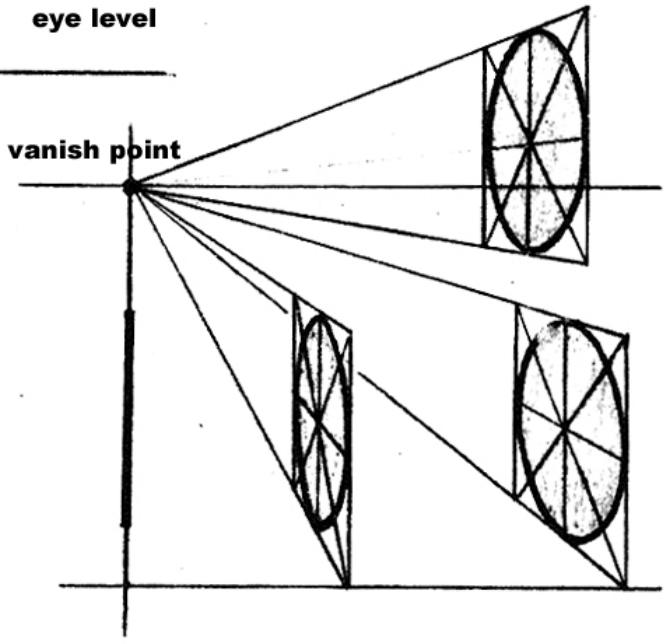
vertical axis



vertical axis

one-point circle perspective (ellipse of circle)





Drawing Examples