

EXERCISE 8.—Show the appearance of a circle touching the picture plane below the eye, its plane being horizontal. Make its apparent longest diameter about three inches long.

EXERCISE 9.—Two circles of the same size standing upright with their planes perpendicular to the picture plane, one touches the picture plane, and the centre of the other is twice the length of the diameter away from the centre of the nearer circle, in a line perpendicular to the picture plane. Both circles are to the right with their centres on a level with the eye. Find their relative sizes and positions, supposing their diameters to be two inches long.

EXERCISE 10.—Draw in perspective a circle above the eye and to the left, its plane being perpendicular to the picture plane and inclined upwards towards the right. Make the transverse axis of the ellipse at least three inches long, and show by a point the position of the centre of the circle.

EXERCISE 11.—A circle has its plane at an angle of 45° to the line of direction and vertical, its centre is below the eye to the right. Show its appearance, and in it draw two concentric circles.