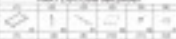


Technical Drawing: Orthographic Projection of Solids

Problem 1: A cylinder of diameter 40 mm and height 60 mm is resting on its base on the ground. It is cut by a vertical plane parallel to the vertical plane and perpendicular to the horizontal plane. The cutting plane is 15 mm from the left-hand side of the cylinder. Draw the front and top views of the cylinder showing the cutting plane and the true shape of the section.

Problem 2: A cone of diameter 40 mm and height 60 mm is resting on its base on the ground. It is cut by a vertical plane parallel to the vertical plane and perpendicular to the horizontal plane. The cutting plane is 15 mm from the left-hand side of the cone. Draw the front and top views of the cone showing the cutting plane and the true shape of the section.

Problem 3: A cylinder of diameter 40 mm and height 60 mm is resting on its base on the ground. It is cut by a vertical plane parallel to the vertical plane and perpendicular to the horizontal plane. The cutting plane is 15 mm from the left-hand side of the cylinder. Draw the front and top views of the cylinder showing the cutting plane and the true shape of the section.



Problem 4: A cylinder of diameter 40 mm and height 60 mm is resting on its base on the ground. It is cut by a vertical plane parallel to the vertical plane and perpendicular to the horizontal plane. The cutting plane is 15 mm from the left-hand side of the cylinder. Draw the front and top views of the cylinder showing the cutting plane and the true shape of the section.

