

The sample test 1

1. The ellipse is given by: $a = 40$ mm, $b = 30$ mm. Construct the tangents to this ellipse passing through the outer point R. Construct the points of contact.

2. In MP: Determine the distance of the point D $[-30, 60, 50]$ from the plane $\alpha(-50, 50, 40)$.

3. In MP: Construct related views of the equilateral triangle ABC in the plane $\alpha(-60, 40, 50)$, vertices $A[40, ?, 50]$ and $B[0, ?, 25]$ are given.

4. In Collineation $KO(S, o, A \leftrightarrow A')$ construct a collinear image of a square given by its vertex A and a center O .

