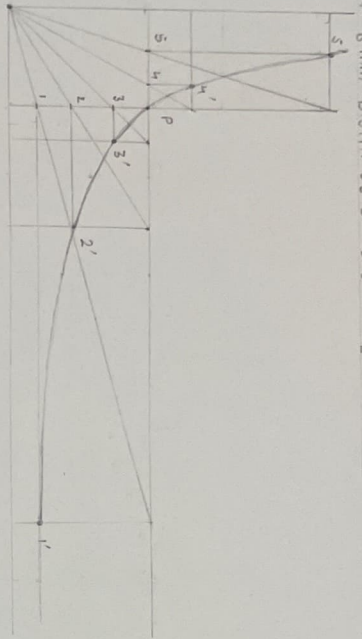
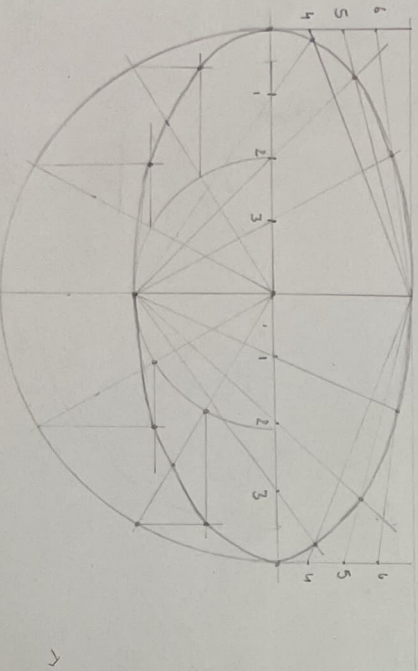


ENGINEERING CURVES

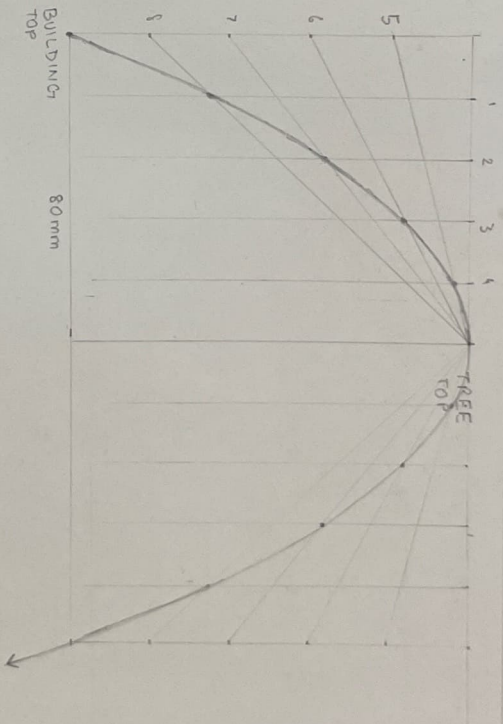
2. A Pt. P is 25mm & 35mm RESPECTIVELY FROM TWO STRAIGHT LINES WHICH ARE AT 90°. DRAW A HYPERBOLA FROM P WITHIN 8mm DISTANCE OF EACH LINE.



2. THE FOCI OF AN ELLIPSE ARE 120mm APART. THE MINOR AXIS IS 70mm LONG. DRAW HALF ELLIPSE BY RECTANGULAR METHOD & OTHER HALF BY CONCENTRIC CIRCLES METHOD.



3. A BOX, STANDING ON THE TERRACE OF A BUILDING OF 15m HEIGHT, THROWS A BALL, WHICH HAS ITS HEIGHT FLIGHT AND CROSSED AND JUST CROSSES A TREE OF 25m HEIGHT. TRACE THE PATH OF THE BALL, IF THE DISTANCE BETWEEN THE BUILDING AND THE TREE IS 8m.



4. A CURVE IS THE LOCUS OF THE P, MOVING IN A PLANE, SUCH THAT THE RATIO OF ITS DISTANCES FROM THE FOCUS TO THAT OF DIRECTRIX IS CONSTANT AND EQUAL TO ONE. GIVEN THE DISTANCE BETWEEN FOCUS F & THE DIRECTRIX DD. I.E. $FF' = 26\text{mm}$

