
3) Divide $\mathrm{AO} \& \mathrm{BO}$ into same no.of equal parts \& label them as $1,2,3$.. \& $1^{\prime}, 2^{\prime}, 3^{\prime} \ldots$

4) Join points $1-1^{\prime}, 2-2^{\prime}, 3-3^{\prime}$, etc to get tangents of the parabola.

## This method is called as tangent method.

$$
\begin{aligned}
\text { Scale } & =85 \mathrm{~mm} / 8.5 \mathrm{~m} \\
& =85 \mathrm{~mm} /(8.5 * 1000) \mathrm{mm} \\
& =1 / 100
\end{aligned}
$$

Hence at the end of problem, mention the scale as $1 / 100$.

Dimensioning is to be done as usual.

5) Draw a parabola such that it touches these lines externally only at one point so that the lines are tangents to the parabola.


