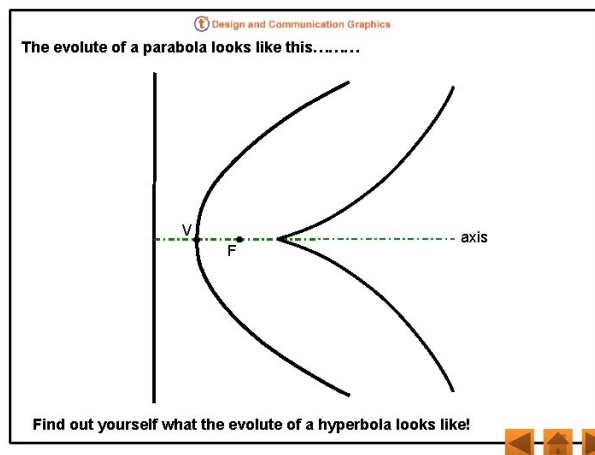


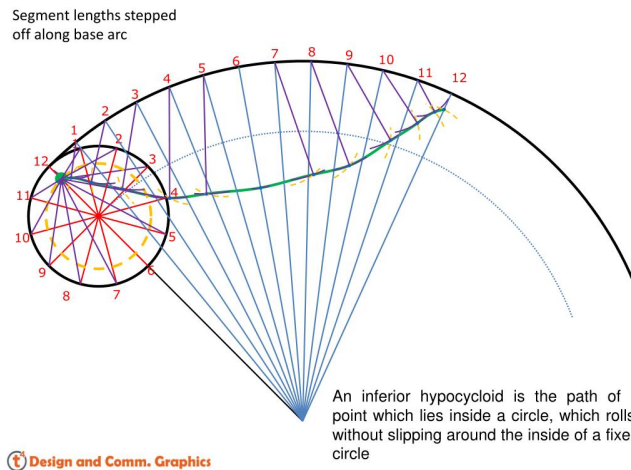
Questions:

1. Draw a parabola where the directrix to vertex distance is 20mm and draw its evolute



2. Draw the inferior hypo trochoid given the following details:

- Radius of base arc 130mm
- Radius of rolling wheel is 25mm
- Point p is 5 mm inside the rolling wheel
- Draw for $1\frac{1}{2}$ revolution



Note: the diagrams given are just for illustration how your solution should look like. You need to use the dimensions given in the questions and draw it in you A3 workbook.