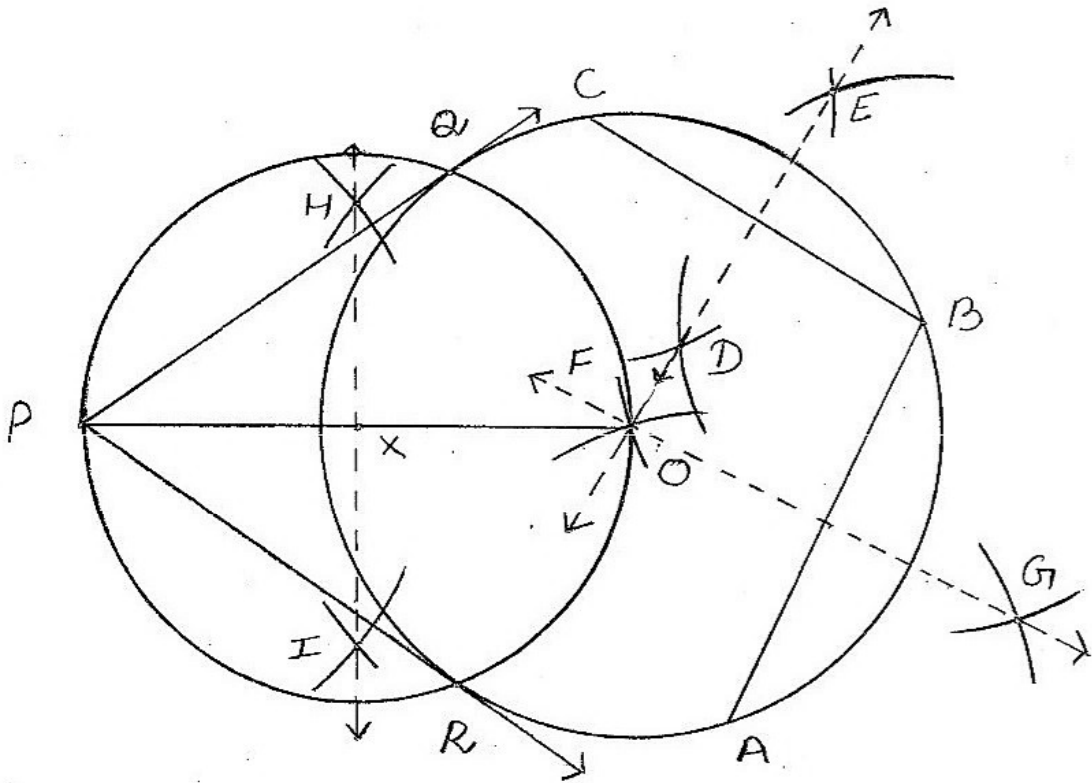


NCERT Solutions by Dev Anoop (Bathinda)
 Constructions Ex. 11.2, Q. 7



Steps

- ① draw a \odot with any round object
- ② draw chords BA and BC
- ③ draw DE and FG perpendicular bisectors of BC and BA respectively intersecting each other at O
- ④ take a point P in exterior of \odot and join OP.
- ⑤ draw HI perpendicular bisector of OP intersecting it at x
- ⑥ with centre x and radius = xP or xO draw an arc intersecting given \odot at Q and R.
- ⑦ join PQ and PR
- ⑧ PQ and PR are required tangents.