



steps

- ① draw a  $\odot$  with centre  $O$  and radius = 6 cm
- ② draw  $OP = 10$  cm
- ③ draw  $AB$  perpendicular bisector of  $OP$  intersecting it at  $C$
- ④ with centre  $C$  and radius =  $CO$  or  $CP$  draw a  $\odot$ , intersecting given  $\odot$  at  $Q$  and  $R$
- ⑤ join  $PQ$  and  $PR$
- ⑥  $PQ$  and  $PR$  are required tangents