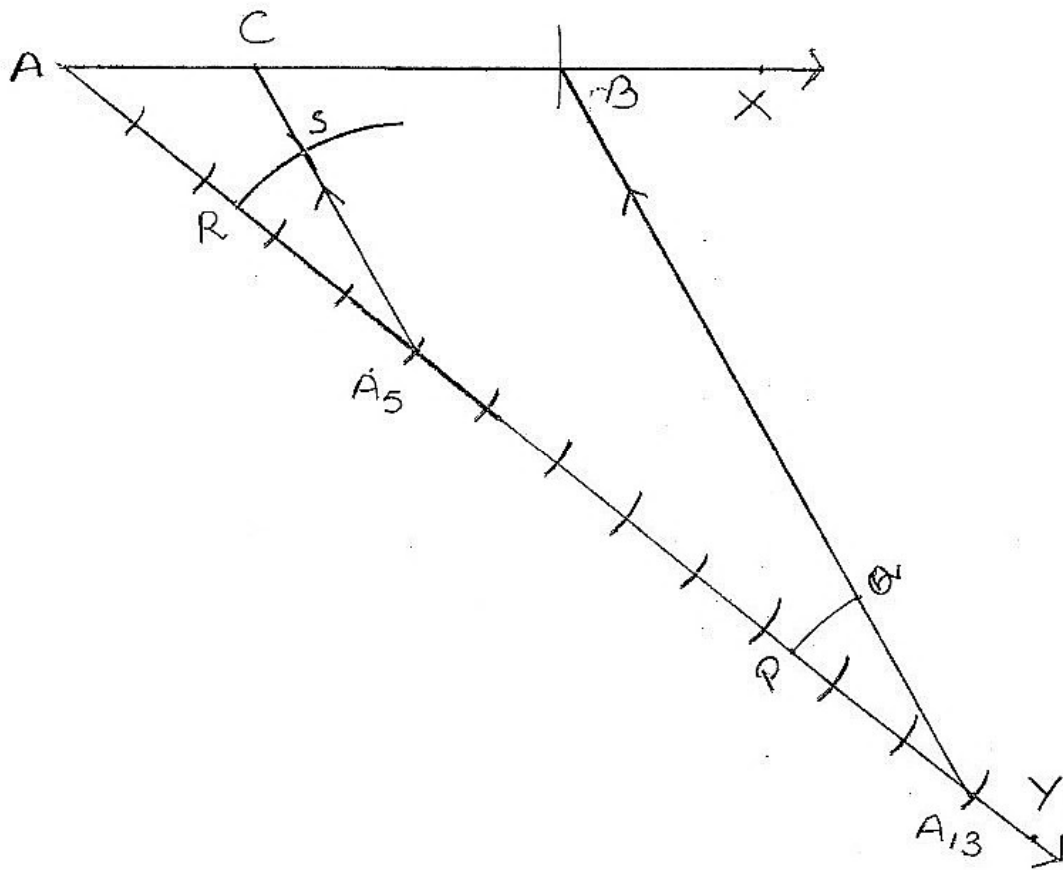


NCERT Solutions by Dev Anoop (Bathinda)  
Constructions Ex. 11.1, Q. 1

①



### Steps

1. draw  $AB = 7.6 \text{ cm}$
2. draw  $\angle XAY$
3. draw 13 arcs with equal radii begin. from A to  $A_{13}$
4. join  $BA_{13}$
5. draw  $A_5C \parallel A_{13}B$  intersecting  $AB$  at  $C$
6.  $AC:CB = 5:8$

note - alternate method available