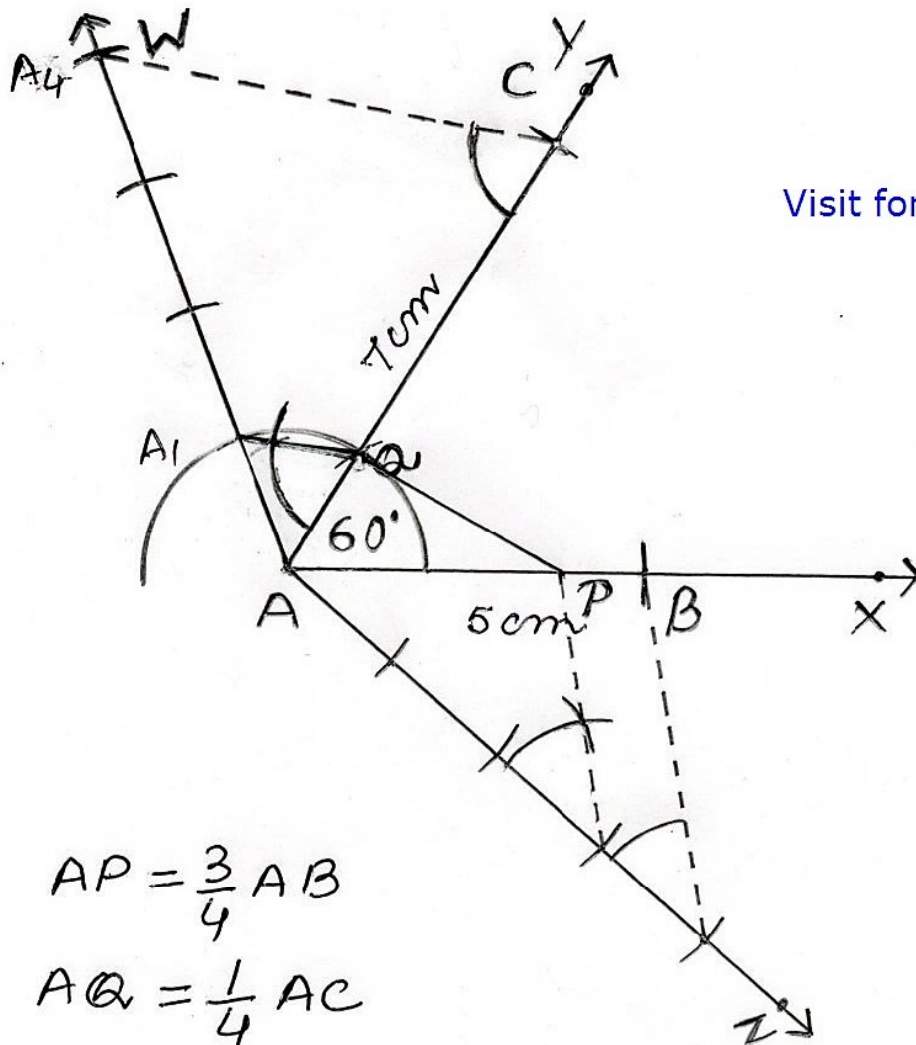


Class 10 - Ex 10.3, Q1



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$$AP = \frac{3}{4} AB$$

$$AQ = \frac{1}{4} AC$$

Steps

- ① draw $\angle YAX = 60^\circ$
- ② with centre A and radii 5 cm and 7 cm resp. draw arcs intersecting AX at B and AY at C
- ③ draw \overline{AW} and begin. at A draw 4 arcs of equal. radii upto A_4 , join A_4C
draw $A_1Q \parallel WC$
- ④ Sem. on AB