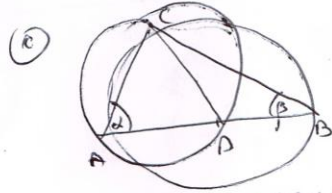


2.79
26



ΔACD :

$$\frac{AC}{\sin \alpha} = 2R$$

ΔABC :

$$\frac{AC}{\sin \beta} = 2R$$

: pñ R lmk alfyw, eR, w

$$\frac{AC}{\sin \alpha} = \frac{AC}{\sin \beta}$$

$$\sin \alpha = \sin \beta$$

$$\alpha = 180^\circ - \beta \quad \text{pñ } (\alpha, \beta) \text{ } \alpha > \beta \text{ } \text{dsk}$$

ΔACD :

$$\angle ACD = 180^\circ - \alpha - \alpha = 180^\circ - 2\alpha = 180^\circ - 2(180^\circ - \beta) = \beta - \alpha$$

$$\frac{AD}{\sin(\beta - \alpha)} = 2R \rightarrow AD = 2R \sin(\beta - \alpha)$$

$$\frac{AD}{AB} = \frac{\sin(\beta - \alpha)}{\sin(\beta + \alpha)}$$

ΔACB :

$$\frac{AB}{\sin(180^\circ - \alpha - \beta)} = 2R \rightarrow AB = 2R \sin(\beta + \alpha)$$

$$\textcircled{P} \quad \frac{AD}{AB} = 0 \rightarrow \text{ks } \Delta ACD \text{ mnp, e, w}$$

$$\frac{AD}{AB} = 1 \rightarrow \text{mnp, e, w } \Delta ACD$$