

9 - ncert ex 11=2 Q1 (Page 2)

Proof $AZ = AC$ [every point on
...① perpendicular bisector
of a line segment
is equidistant from
its end points]

$$BZ = 13 \text{ cm}$$

$$AB + AZ = 13$$

$$\text{But } AZ = AC$$

$$\therefore AB + AC = 13 \text{ cm}$$