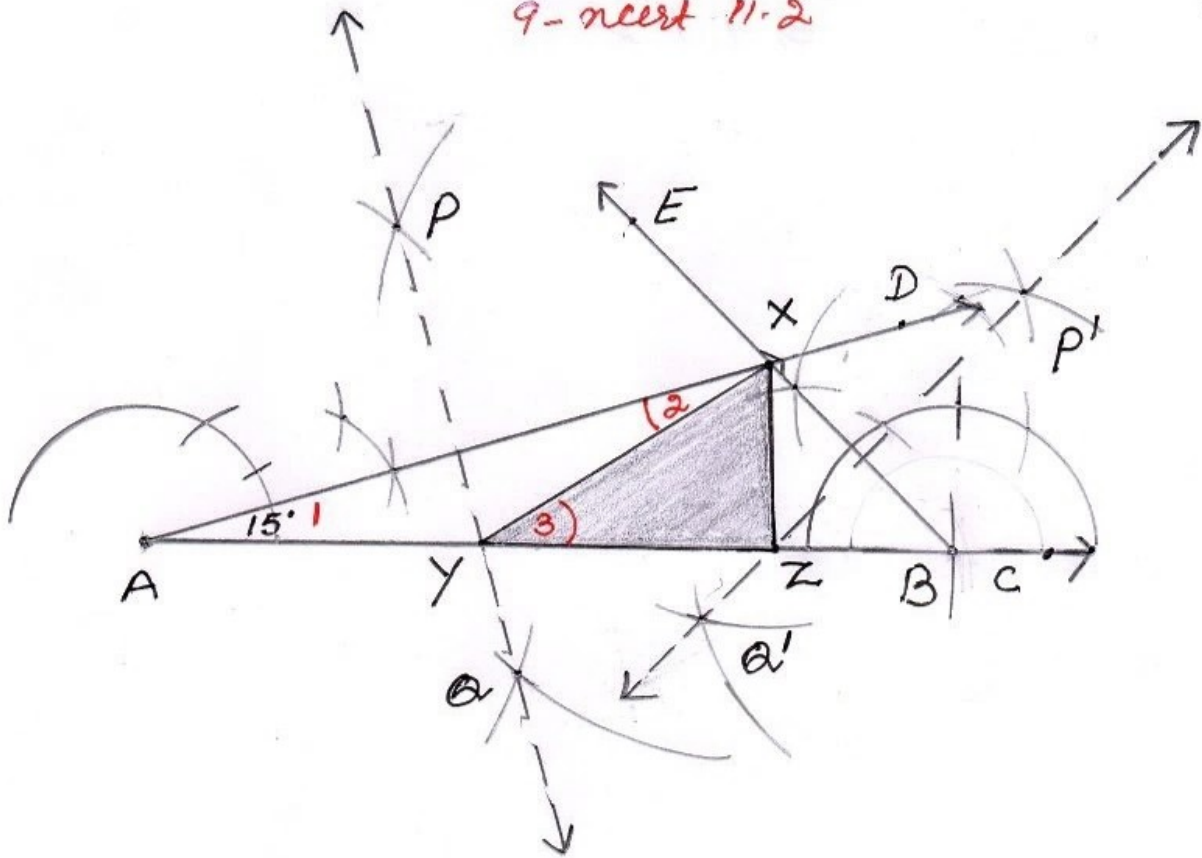


4

9-ncert-11-2



Steps

1. draw $AB = \text{perimeter} = 11 \text{ cm}$
2. draw $\angle DAB = \frac{1}{2} \angle Y = \frac{1}{2} \times 30^\circ = 15^\circ$
3. draw $\angle EBA = \frac{1}{2} \angle Z = \frac{1}{2} \times 90 = 45^\circ$
4. AD and BE intersecting at X
5. draw PQ and $P'Q'$ perpendicular bisectors of AX and BX respectively intersecting AB at Y and Z
6. join XY, XZ
7. XYZ is required Δ