

Congruency of Triangles: Worksheet -3

1. Without drawing the triangles, state the correspondence between the sides and the angles of the following pairs of congruent triangles:

(i) $\triangle ABC \cong \triangle PQR$

(ii) $\triangle ABC \cong \triangle QRP$

2. In the adjoining figure, $AB = AC$ and $BD = DC$.

Prove that i) $\angle BAD = \angle CAD$

ii) AD is perpendicular to BC .

