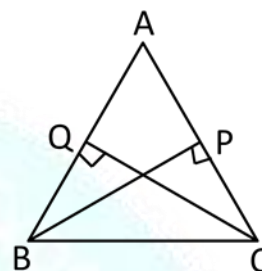


### Congruency of Triangles: Worksheet -6

1. In the adjoining figure  $\triangle ABC$ ,  $BP \perp AC$  and  $CQ \perp AB$  and  $\overline{BQ} = \overline{CP}$ . Show that  $\triangle BCP \cong \triangle BCQ$ .



2. In the adjoining figure  $\triangle ABC$ , D is the midpoint of BC.  $DE \perp AB$  and  $DF \perp AC$  and  $\overline{DE} = \overline{DF}$ . Show that  $\triangle BED \cong \triangle CDF$ .

