

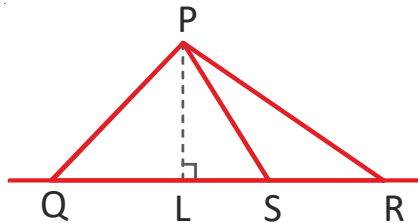
**01** In  $\triangle ABC$ ,  $\angle A + \angle B = 84^\circ$  and  $\angle B + \angle C = 146^\circ$  then find the smallest side of  $\triangle ABC$ .

Your solution here:

**02** In  $\triangle ABC$ ,  $\angle B = 5\angle C$  and  $\angle A = \frac{6}{5} \angle B$  then  $\angle A - 90^\circ = ?$

Your solution here:

**03** In the figure,  $PL \perp QR$ ;  $\angle Q = \angle S$  and  $\angle R > \angle Q$ , then find the relation between  $PR$  &  $PQ$ .



Your solution here:

**04** In  $\triangle ABC$ ,  $\angle B = 90^\circ$  and  $BD \perp AC$ . Define the relationship among all the three triangles.

Your solution here:

**05**

In  $\triangle ABC$ ,  $30\angle A = 6\angle B = 5\angle C$  then find the exterior angle of  $\angle A$ .

Your solution here: