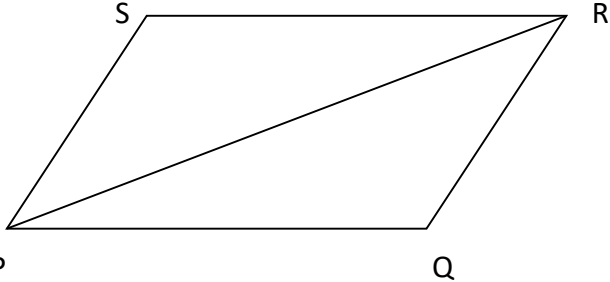
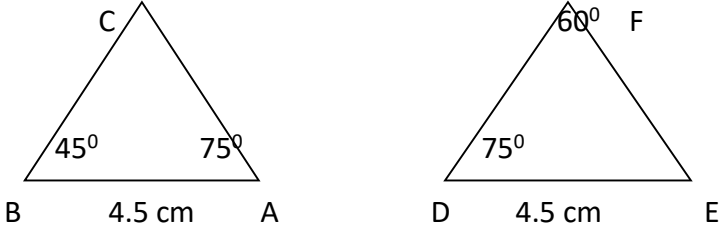
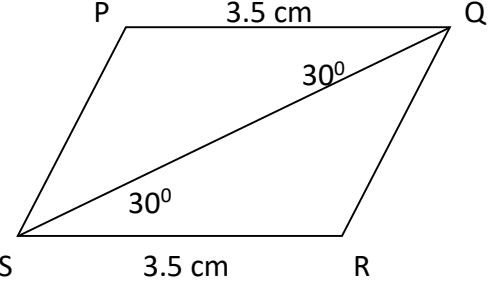
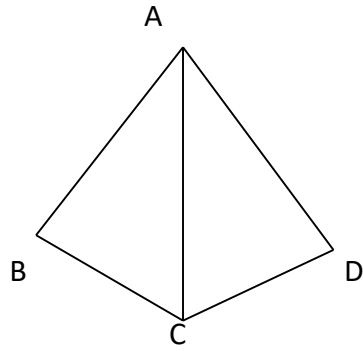


9	<p>PQ = RS and PS = RQ</p>  <p>(a) Is $\triangle RSP \cong \triangle PQR$?</p> <p>(b) Which congruence condition you have used?</p> <p>(c) Write the fact used which is not given in the question.</p>	3
10	<p>It is given that in $\triangle ABC$, $AB = 4.5$, $\angle A = 75^\circ$, $\angle B = 45^\circ$ and in $\triangle DEF$, $DE = 4.5$ cm, $\angle D = 75^\circ$ and $\angle F = 60^\circ$. Are the two triangles ABC and DEF congruent by ASA congruence condition?</p> 	3
11	<p>By applying SAS congruent rule, state the pairs of congruent triangles in the following figure.</p> 	3
12	<p>In the figure $AB = AD$ and AD is perpendicular to CD and AB is perpendicular to BC. Find</p> <p>(a) The third pair of corresponding part so that $\triangle ABC \cong \triangle ACD$ by RHS congruence condition.</p> <p>(b) Is $BC = DC$? Why?</p>	3

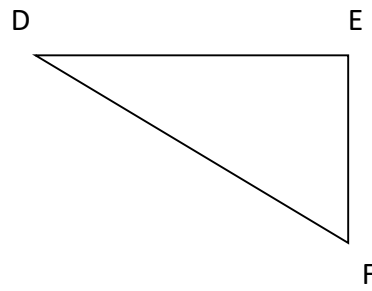
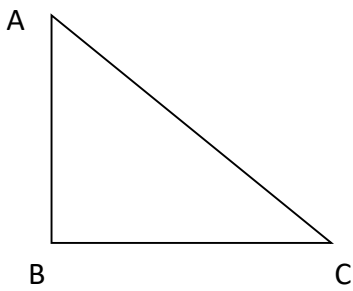


Section C(Hot Questions)

13

In the given figure $\angle A = \angle F$, $\angle B = \angle E = 90^\circ$ and $BC = DE$. Explain Why $\triangle ABC \cong \triangle FED$

3



14

Prove that $\triangle PQT \cong \triangle RST$.

3

