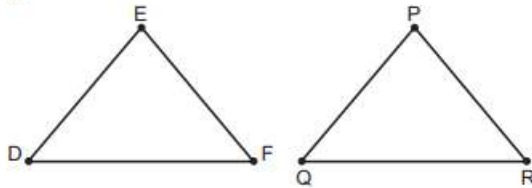
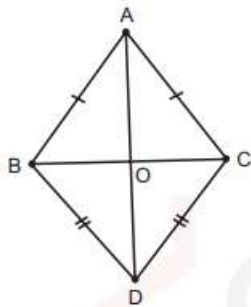


PROBLEMS ON TRIANGLES

1. If $\triangle PQR \cong \triangle EDF$, then is it true to say that $PR = EF$? Give a reason for your answer.



2. ABC and DBC are two triangles on the same base BC such that A and D lie on the opposite sides of BC, $AB = AC$ and $DB = DC$. Show that AD is the perpendicular bisector of BC.



3. If $\triangle ABC \cong \triangle DFE$, find the value of x .

