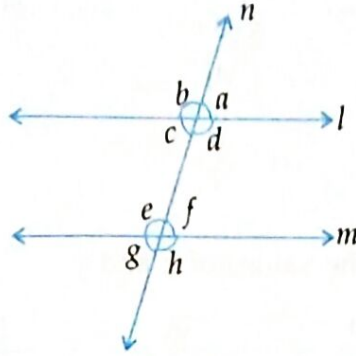


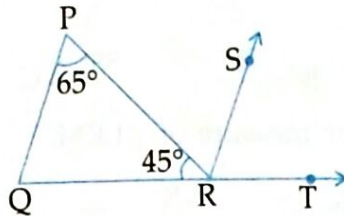


EXERCISE 11.2

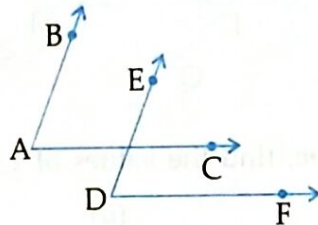
1. In the given figure, $l \parallel m$ and n is a transversal. If $\angle c = 72^\circ$, find the measure of each of the angles a , b , d , e , f , g and h .



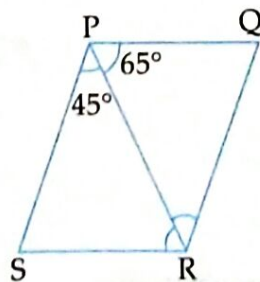
2. In the given figure, $QP \parallel RS$, $\angle P = 65^\circ$, $\angle R = 45^\circ$, then find $\angle SRT$.



3. In the figure given below, $AB \parallel DE$ and $AC \parallel DF$, prove that $\angle BAC = \angle EDF$.



4. In the given figure, $PQ \parallel SR$ and $SP \parallel RQ$. PR is a diagonal. If $\angle QPR = 65^\circ$ and $\angle SPR = 45^\circ$, find $\angle SRQ$.



5. In the given figure, $BC \parallel AD$. Find the measure of $\angle x$, $\angle y$ and $\angle z$.

