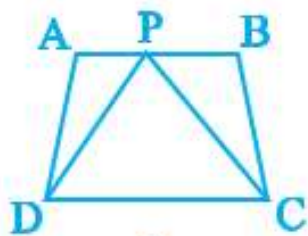
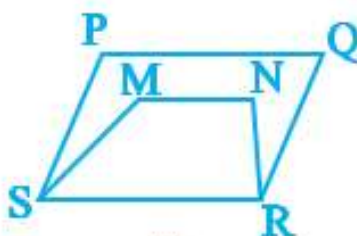


Areas of Parallelogram and Triangles: Exercise 9.1

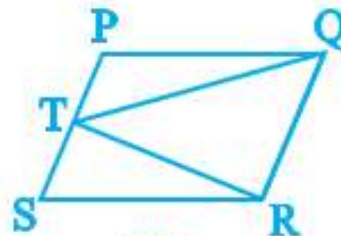
Q.1 Which of the following figures lie on the same base and between the same parallels. In such a case, write the common base and the two parallels.



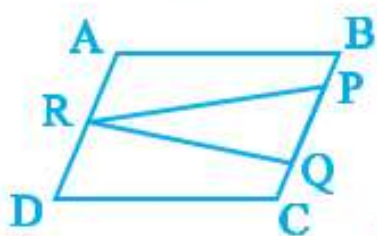
(i)



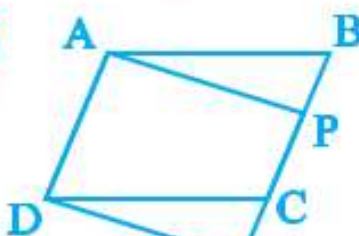
(ii)



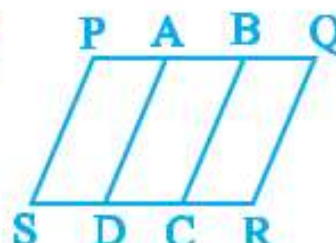
(iii)



(iv)



(v)



(vi)

Sol. Figures mentioned above lie on the same base and between the same parallels :

(i) In given figure, trapezium ABCD and $\triangle DCP$ are on the same base DC and in between the same parallel lines AB & DC.

(ii) In given figure, parallelogram PQRS and trapezium SMNR are on the same base SR but these figure not in between the same parallel lines.

(iii) In given figure, parallelogram PQRS and $\triangle RQT$ are on the same base RQ and in between the same parallel lines QR and PS.

(iv) In given figure, parallelogram ABCD and $\triangle PQR$ are not on the same base but in between the same parallel lines BC and AD.

(v) In given figure, quadrilateral ABQD and trapezium APCD are on the same base AD and in between the same parallel lines AD and BQ.

(vi) In given figure, parallelogram PQRS and parallelogram ABCD are not on the same base SR but in between the same parallel lines SR and PQ.