# RD SHARMA

## Solutions

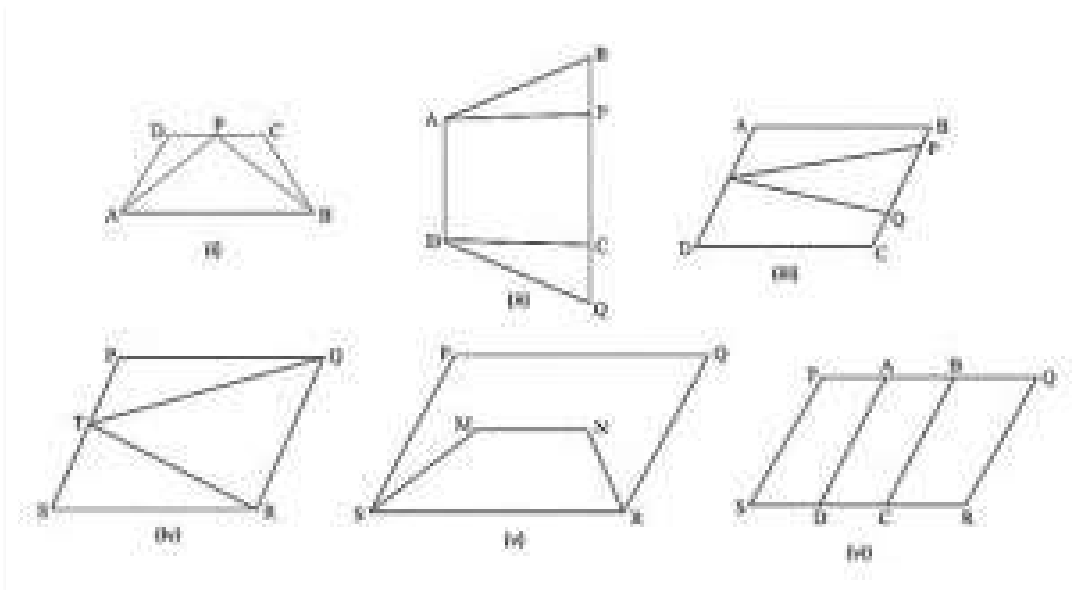## Class 9 Maths

## Chapter 15

## Ex 15.1

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 two parallels:

SOLUTION :



(i) △ PCD and trapezium ABCD are on the same base CD and between the same parallels AB and DC.

(ii) Parallelograms ABCD and APQD are on the same base AD and between the same parallels AD and BQ.

(iii) Parallelogram ABCD and △PQR are between the same parallels AD and BC but they are not on the same base.

(iv) △QQRT and parallelogram PQRS are on the same base QR and between the same parallels QR and PS.

(v) Parallelograms PQRS and trapezium SMNR are on the same base but not between the same parallels.

(vi) Parallelograms PQRS, AQRD, BCQR are between the same parallels. Also, parallelograms PQRS, BPSC, APSD are between the same parallels.

(vi) Parallelograms PQRS, AQRD, BCQR are between the same parallels. Also, parallelograms PQRS, BPSC, APSD are between the same parallels.