

Area of parallelogram & Triangle

Area of Ilgm

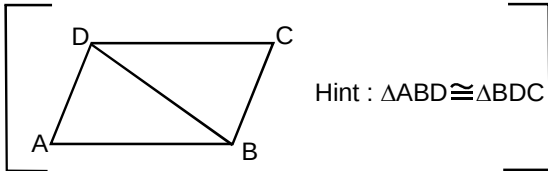
Properties

Area of Δ

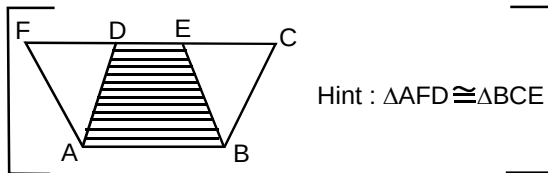
Properties

Area of Ilgm & Triangle

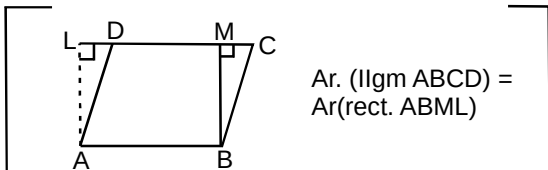
- (i) A diagonal of Il gm divides it into 2 Δ 's of equal area



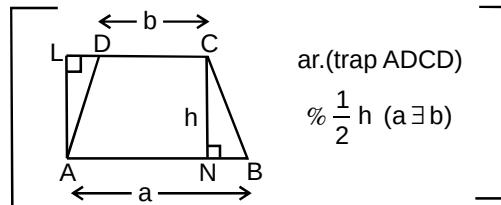
- (ii) Parallelogram on same base and between same parallel are equal in area.



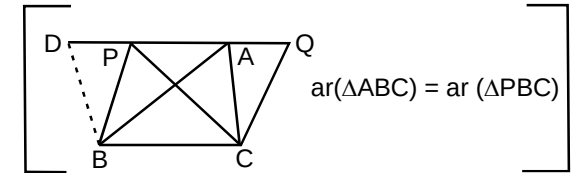
- (iii) Area of Ilgm is product of its base & corresponding alt.



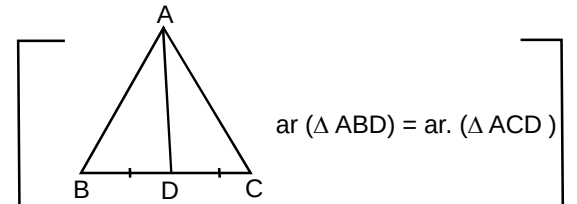
- (i) Area of trapezium is half the product of its height & sum of Illel sides.



- (i) Two Δ 's on the same base and between same parallels are equal in area.



- (ii) Median of triangle divides it into 2 triangles of equal area.



Eg : - ABC is Δ in which D is mid-pt of BC and E is mid-Point of AD.
PT. or $\Delta BED = \frac{1}{4} ar. \Delta ABC$

