

Area of parallelogram & Triangle

Area of Ilgm

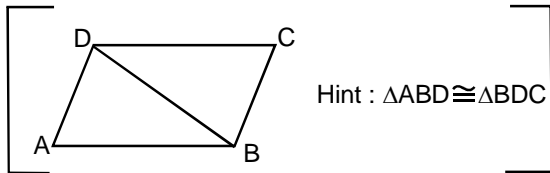
Properties

Area of Δ

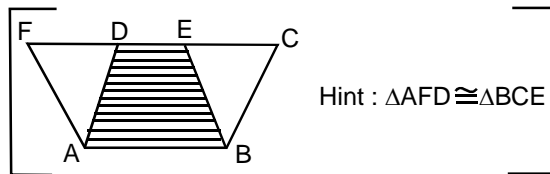
Properties

Area of Ilgm & Triangle

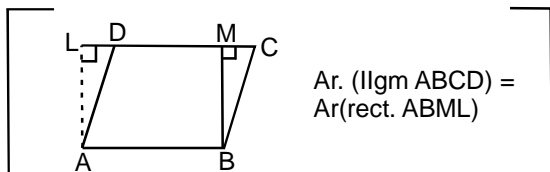
(i) A diagonal of Il gm divides it into 2 Δ 's of equal area



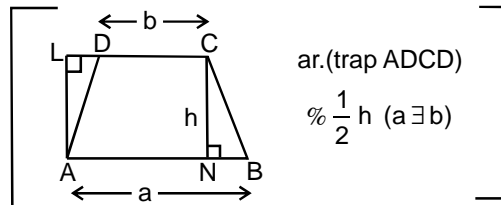
(ii) Parallelogram on same base and between same parallel are equal in area.



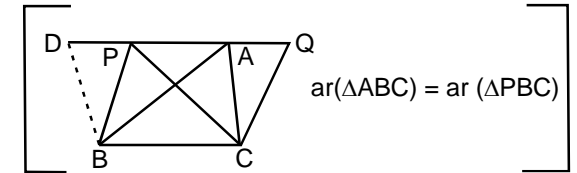
(iii) Area of Ilgm is product of its base & corresponding alt.



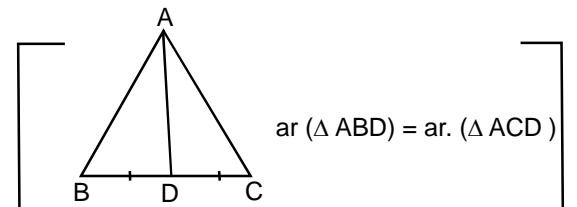
(i) Area of trapezium is half the product of its height & sum of Illel sides.



(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. ΔABC

