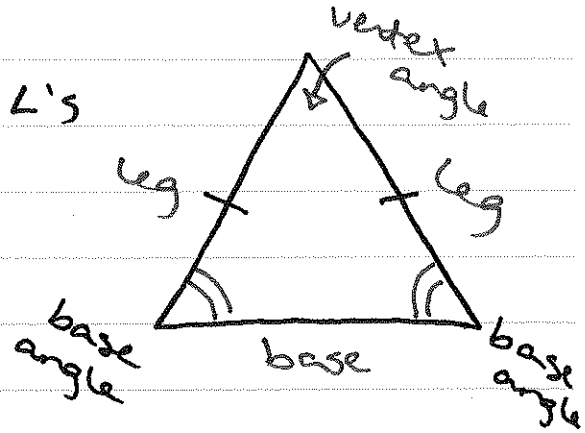
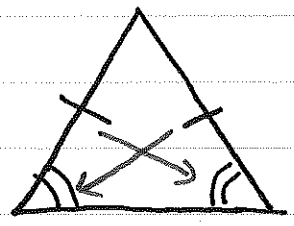
4-5 Isosceles & Equilateral Δ's

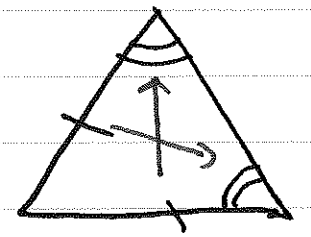
Isosceles Δ - two ≅ base ∠'s
two ≅ legs



Isosceles Δ Theorem -

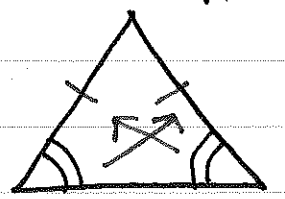
If two sides of a Δ are ≅, then the ∠'s opposite those sides are ≅





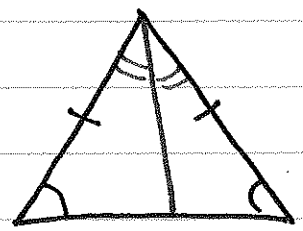
Converse of Isosceles Δ Theorem -

If two angles of a Δ are ≅, then the two sides opposite the ∠'s are ≅

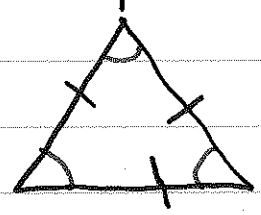


Bisector of Isosceles Δ
from a vertex -

The bisector of the vertex angle of an isosceles Δ is the ⊥ bisector of the base.



Equilateral Δ corollary
- If a Δ is equilateral, then it is equiangular



Converse of Equilateral Δ corollary
- If a Δ is equiangular, then it is equilateral