

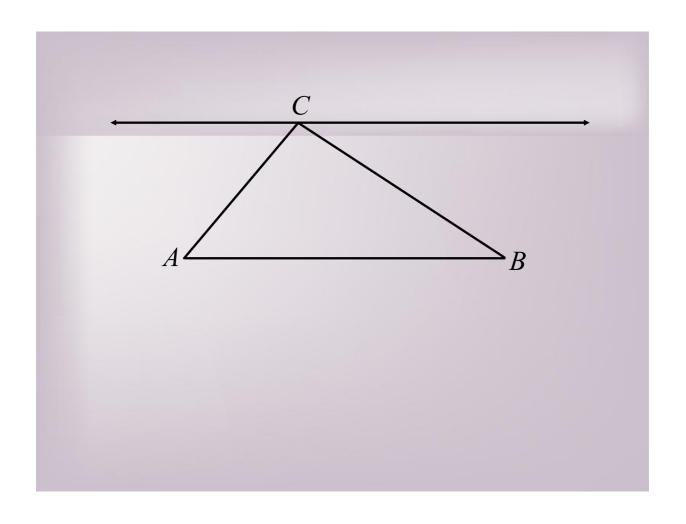
Now...

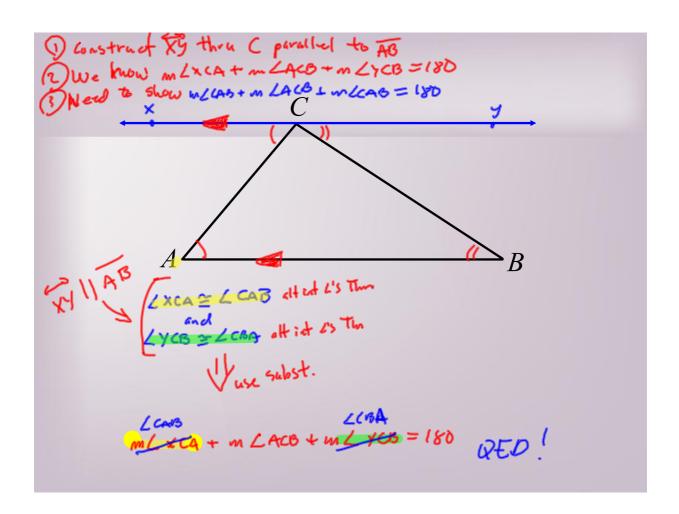
1) Compare your results with your table mates. Write down your observations.

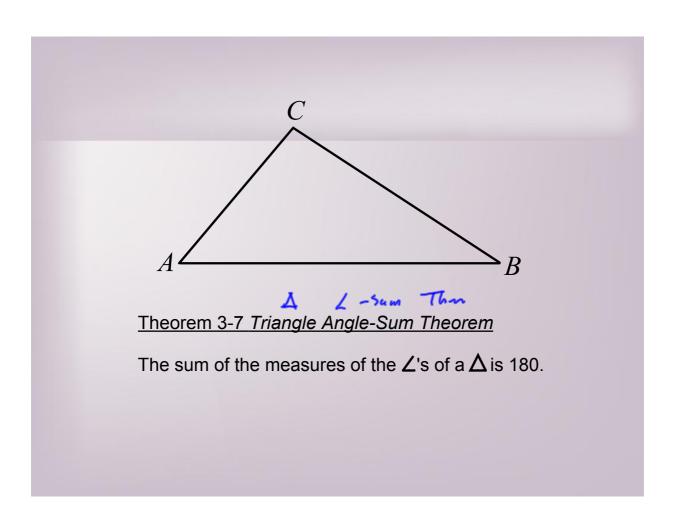
2) Make a conjecture about the sum of the measures of the angles of *any* triangle.

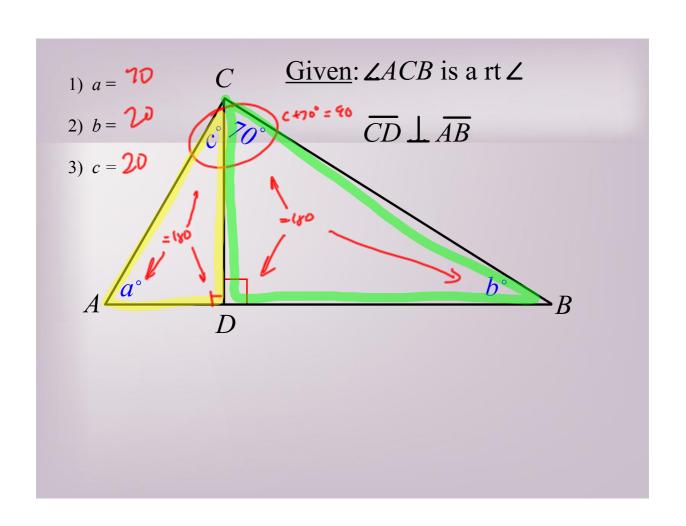
(0~):

MC1+ m LZ + m L3 = 180





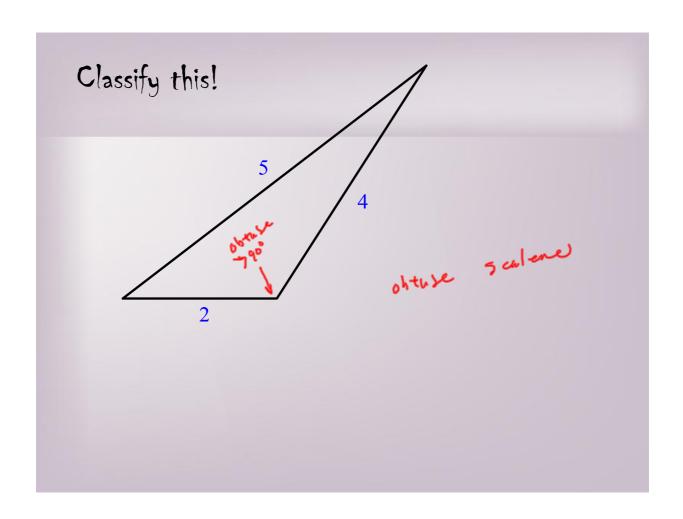


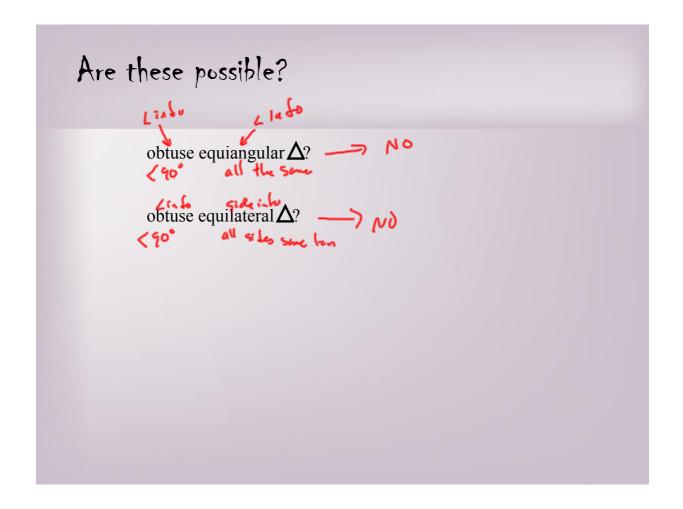


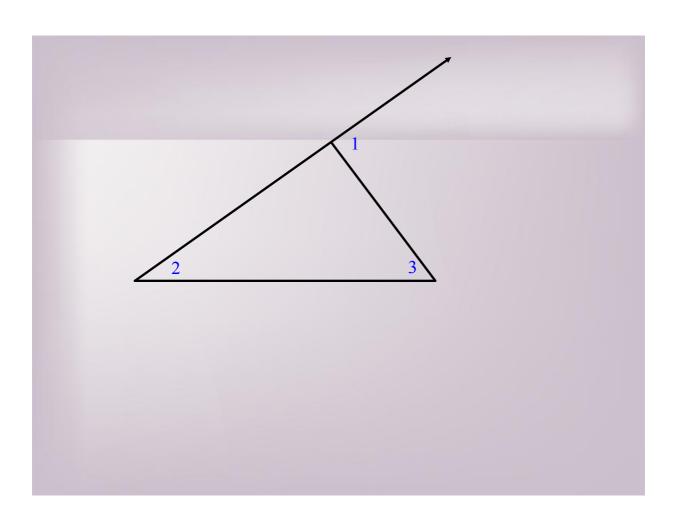


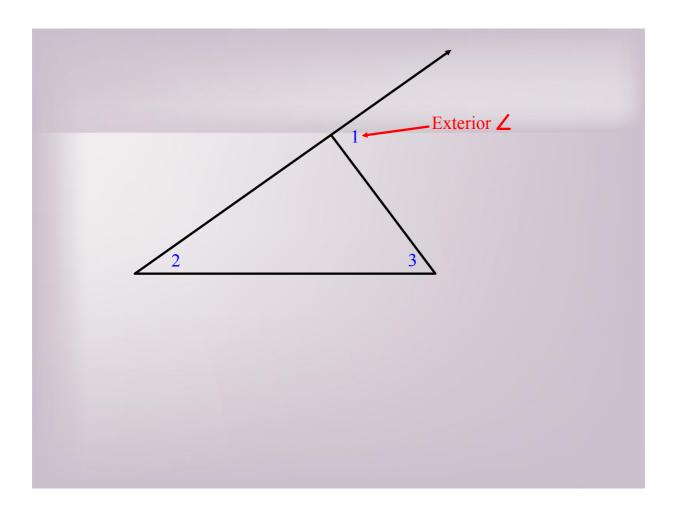
Equiangular ∆	all ∠ 's ≅
Acute ∆	all ∠ 's acute
Right ∆	1 rt ∠
Obtuse ∆	1 obtuse∠

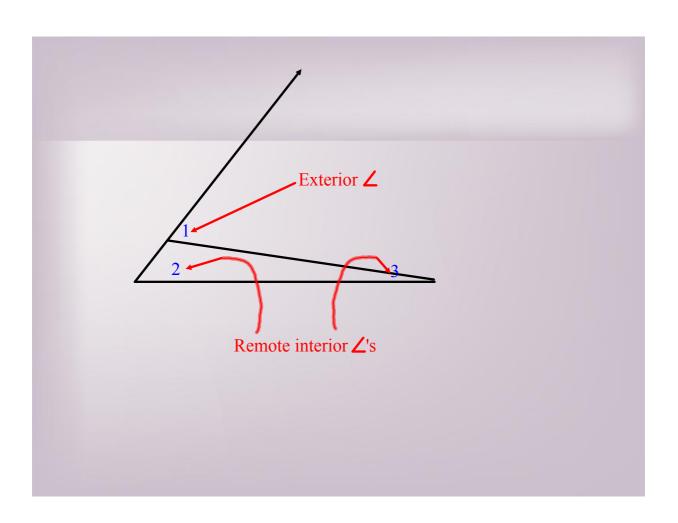
Equilateral	all sides's \cong
Isosceles	2 sides ≅
Scalene	no sides \cong

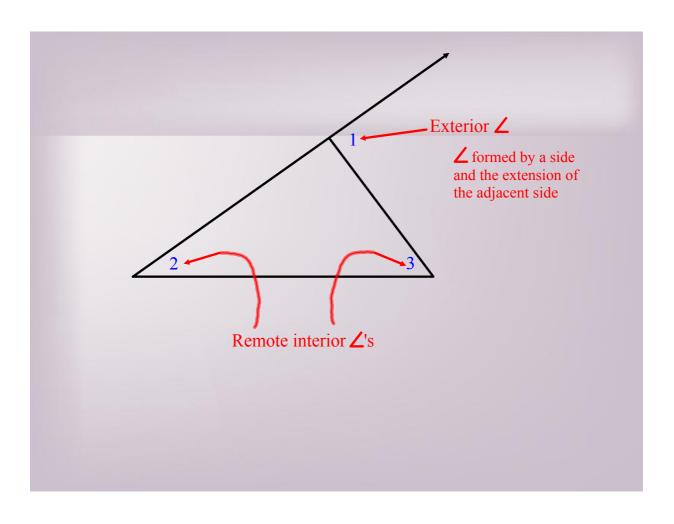












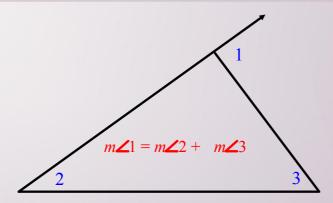
- * Draw and cut out a large triangle.
- * Extend one side and number the resulting exterior angle 1.
- * Number the remote interior angles and tear them off.
- * Place the 2 angles adjacent to each other over the exterior angle.

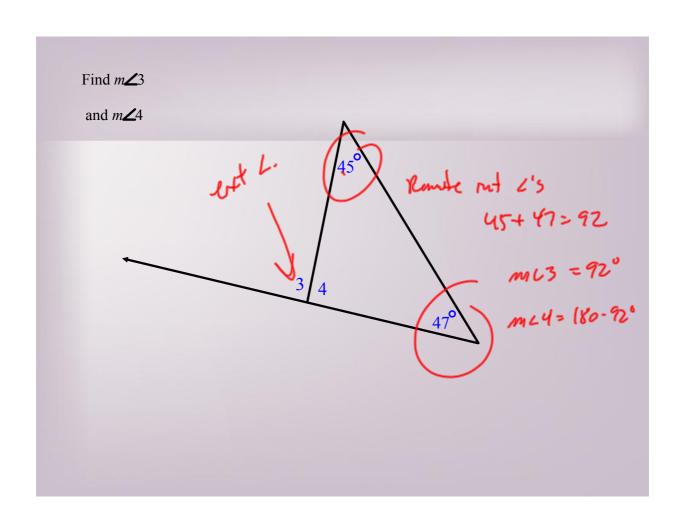
Now...

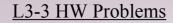
- 1) Compare your results with your table mates.
- 2) Make a conjecture about the relationship of each exterior and the corresponding remote interior angles of *any* triangle.

Theorem 3-8 The △ Exterior Angle Theorem

The measure of each ext \angle = sum of the measures of the 2 remote int \angle 's.







Pg 134 #1-11, 17-33 odd, 43-49 odd, 52, 64-67 Pg 139 #1-10