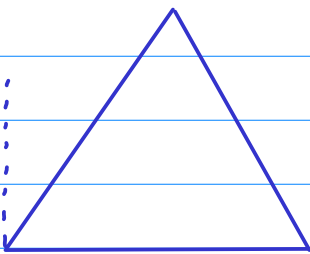
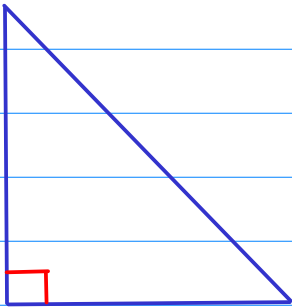
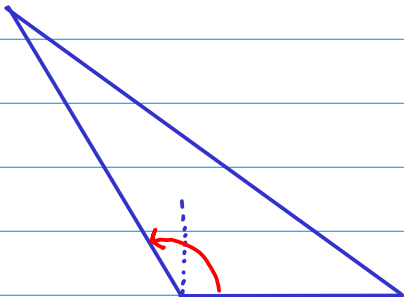


§1.5: Classifying Δ 's

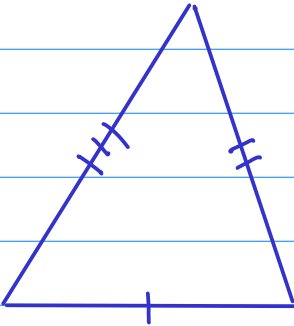
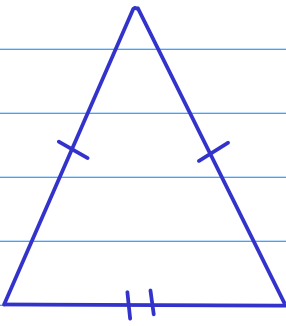
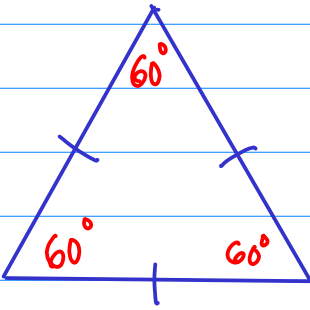
I. Using \sphericalangle 's

II. Using Sides

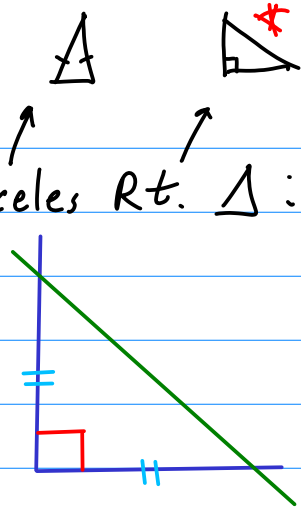
I. Classifying using \sphericalangle 's

| Acute Δ | Right Δ | Obtuse Δ |
|--|--|--|
|  |  |  |
| all \sphericalangle 's $< 90^\circ$ | 1 $90^\circ \sphericalangle$ | 1 obtuse \sphericalangle |

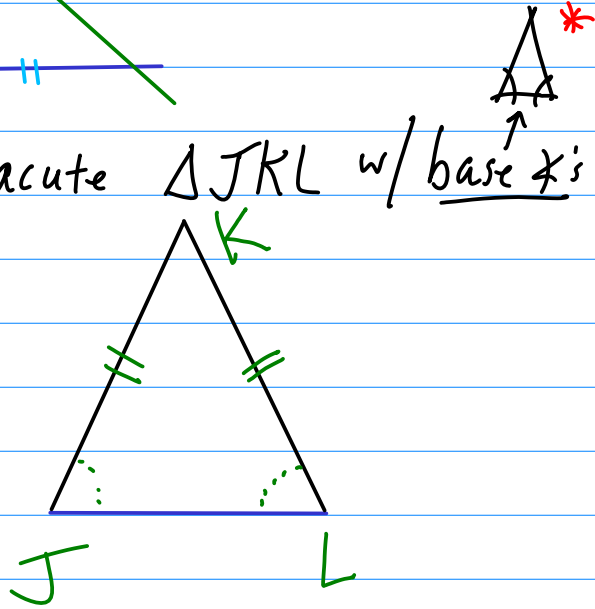
II. Classifying Using Sides

| Scalene Δ | Isosceles Δ | Equilateral Δ |
|---|---|---|
|  |  |  |
| 0 \cong sides | 2 \cong sides (1 pair of \cong sides) | 3 \cong sides |

* Ex: Draw Isosceles Rt. Δ :



Ex: Draw Isos. acute ΔJKL w/ base \neq 's $\neq J$ & $\neq L$



Ex: Draw Isosceles obtuse ΔPQR w/ $QR = PR$

