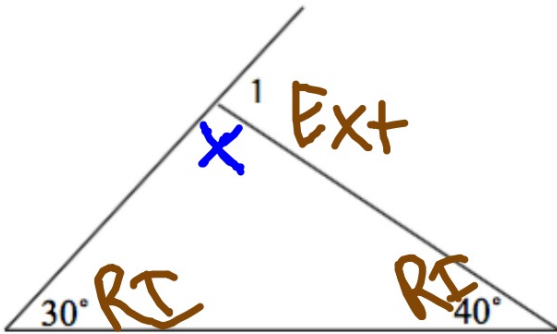


Example 3: Find each missing angle measure.



$$30 + 40 + x = 180$$

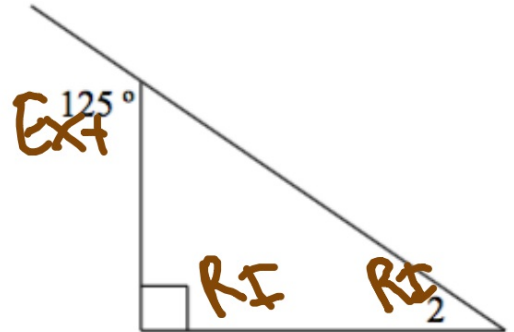
$$70 + x = 180$$

$$x = 110$$

$$m\angle 1 = 180 - 110 = 70^\circ$$

$$m\angle 1 = 30 + 40 = \boxed{70^\circ}$$

Summary: \angle s in a Δ add to 180°
 • Ext \angle s = sum of RI \angle s



$$90 + m\angle 2 = 125$$

$$\boxed{m\angle 2 = 35^\circ}$$