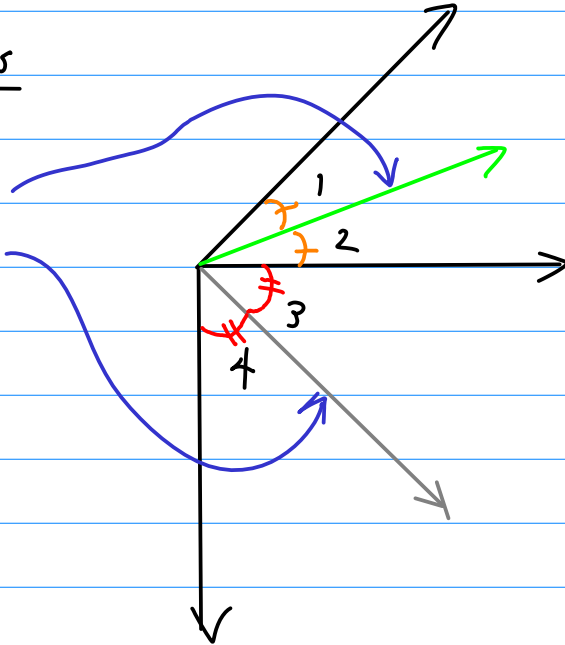


§1.2: Angle Bisectors

Angle Bisectors  
2: cut



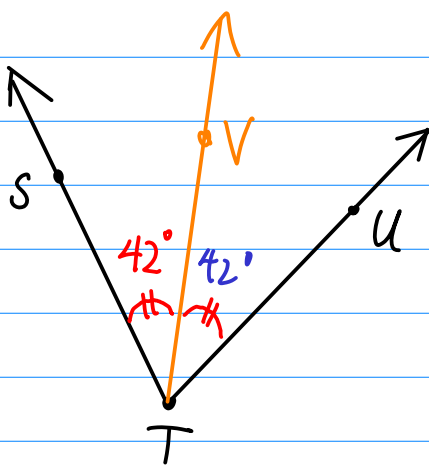
$$m\angle 1 = m\angle 2$$

$$\angle 1 \cong \angle 2$$

$$m\angle 3 = m\angle 4$$

$$\angle 3 \cong \angle 4$$

Ex:



- ✓  $\overrightarrow{TV}$  bisects  $\angle STU$   
( $\overrightarrow{TV}$  is an angle bisector of  $\angle STU$ )
- ✓  $m\angle STV = 42^\circ$
- $m\angle UTV = ? \leftarrow 42^\circ$