

1. Use $\triangle JKL$ shown.

a. What angle is included between \overline{JK} and \overline{KL} ?

$\angle K$

b. What angles include \overline{JL} ?

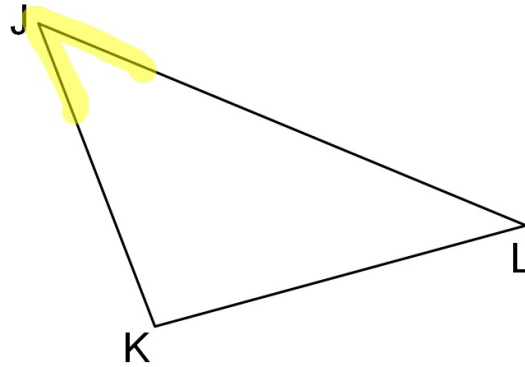
$\angle J + \angle L$

c. What sides include $\angle J$?

\overline{KJ} & \overline{JL}

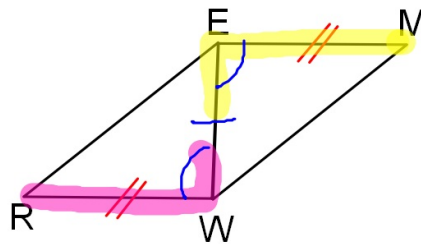
d. What side is included between $\angle L$ and $\angle K$?

\overline{KL}



2. The two triangles shown are congruent. Give reasons for each statement then fill in the congruence statement.

Given: $\overline{EM} \parallel \overline{WR}$



1. $\overline{EM} \parallel \overline{WR}$ and $\overline{EM} \cong \overline{WR}$ Reason: *Given*

2. $\overline{EW} \cong \overline{EW}$ Reason: *Reflexive*

3. $\angle MEW \cong \angle RWE$ Reason: *alt. int. \angle s*

4. $\triangle MEW \cong \triangle RWE$ Reason:

(SAS)