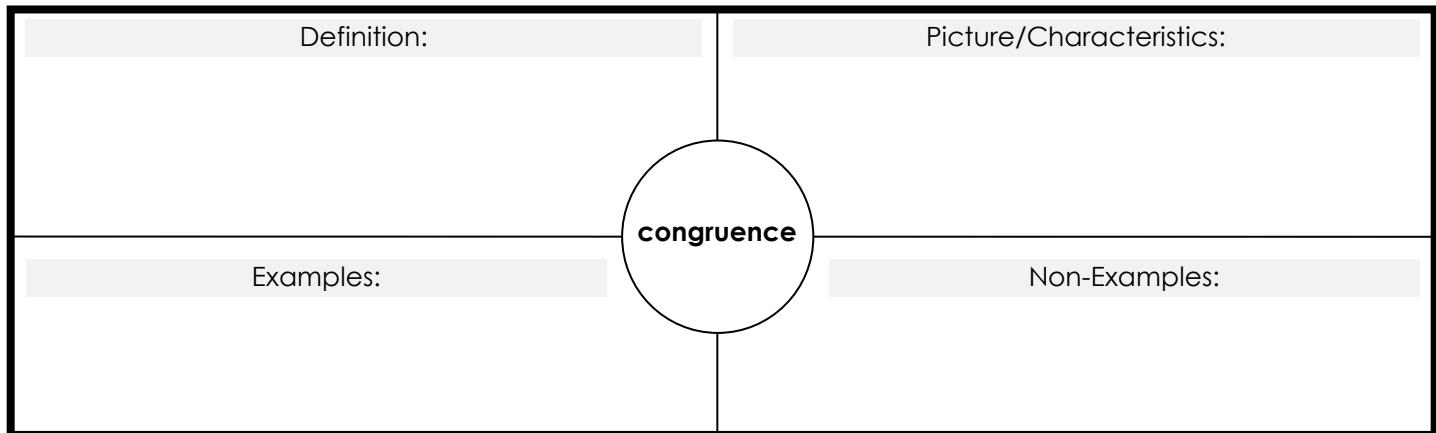


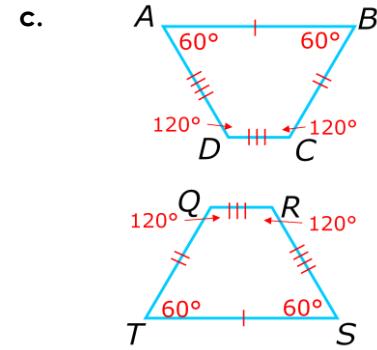
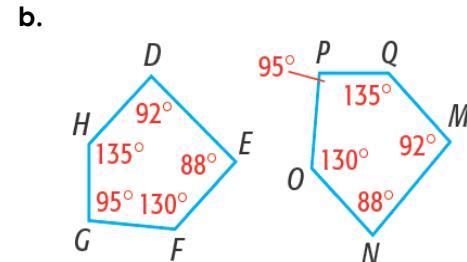
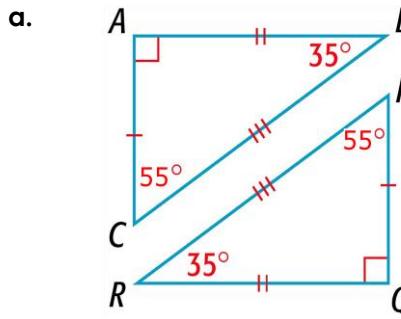
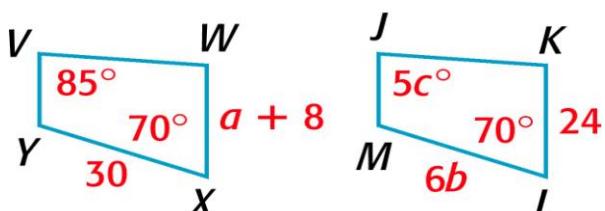
7-6: Congruence Notes



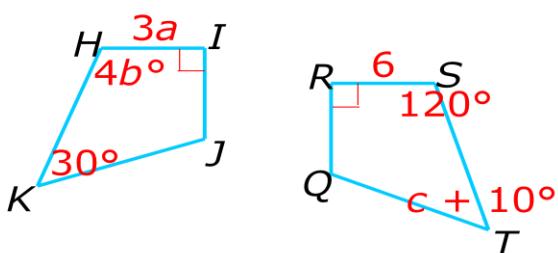
CONGRUENT TRIANGLES			
Diagram	Statement	Corresponding Angles	Corresponding Sides
	$\triangle ABC \cong \triangle DEF$	$\angle A \cong \angle D$ $\angle B \cong \angle E$ $\angle C \cong \angle F$	$\overline{AB} \cong \overline{DE}$ $\overline{BC} \cong \overline{EF}$ $\overline{AC} \cong \overline{DF}$

Example 1: Writing Congruence Statements

Write a congruence statement for each pair of congruent polygons.


Example 2: Using Congruence Relationships to Find Unknown Values


- a. In the figure, quadrilateral VWXY \cong quadrilateral JKLM.
Find a. Find b. Find c.



- b. In the figure, quadrilateral JIHK \cong quadrilateral QRST.
Find a. Find b. Find c.