## Parallel Lines Remediation Practice

Name\_\_\_\_\_ Date\_\_\_\_\_ Block\_\_\_\_

Given that  $\overrightarrow{m} \mid \mid \overrightarrow{l}$  , prove the Alternate Exterior

Given that  $\overrightarrow{m} \mid\mid \overrightarrow{l}$  , prove

Angle Theorem by proving  $\angle 1\cong\ \angle 8$ 

 $\angle 4$  and  $\angle 6$  are supplementary

Statement	Reason	<u>Statement</u>	Reason
		$ \begin{array}{c} 1/2 \\ \hline 3/4 \\ \hline 5/6 \\ \hline 7/8 \end{array} $	

Given that  $\overrightarrow{k} \mid\mid \overrightarrow{j}$  , prove the Alternate Interior

Angle Theorem by proving  $\angle 4 \cong \ \angle 5$ 

Statement Reason

1 2 5 6 7 8 7 8 7

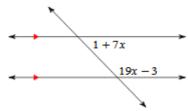
Given that  $\overrightarrow{k} \mid\mid \overrightarrow{j}$  , prove the

 $\angle 1$  and  $\angle 6$  are supplementary

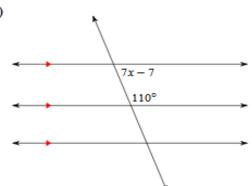
<u>Statement</u>	Reason

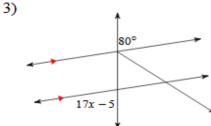
Identify each pair of angles as corresponding, alternate interior, alternate exterior, consecutive interior, vertical, or adjacent. Solve for x.

1)

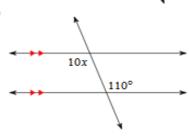


2)



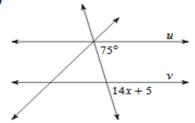


4)

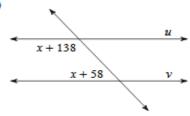


Identify each pair of angles as corresponding, alternate interior, alternate exterior, consecutive interior, vertical, or adjacent. Find the value of x that makes lines u and v parallel.

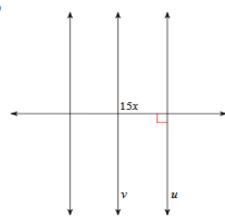
5)



6)



7)



8)

