

Name: _____

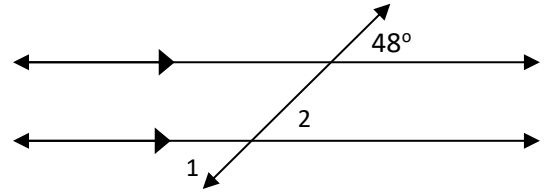
Date: _____

Quiz 2-2 Review Sheet – Parallel Lines & their Converses

- 1) Find the $m\angle 1$ and $m\angle 2$ with relationship to the given angle. State the theorem or postulate you used on the line to the right.

$m\angle 1 =$ _____

$m\angle 2 =$ _____



- 2) Find the measures of the following angles. Then, state the theorem or postulate you used to determine this on the line to the right.

$m\angle 1 =$ _____

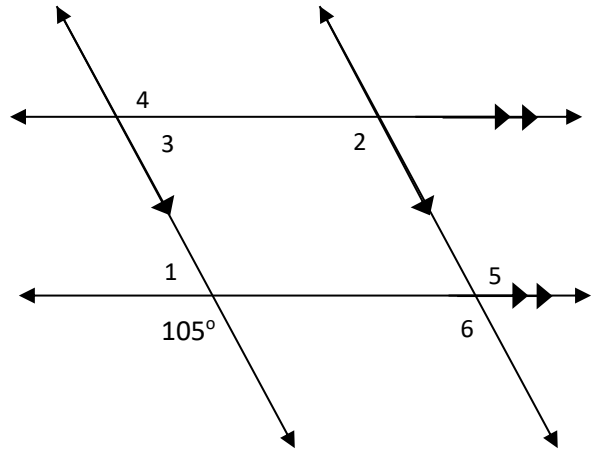
$m\angle 2 =$ _____

$m\angle 3 =$ _____

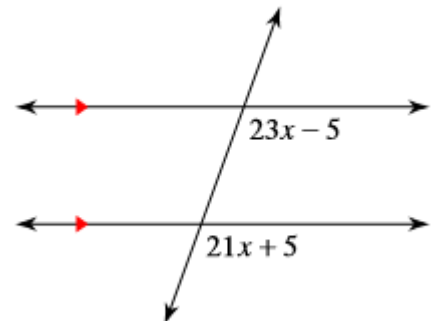
$m\angle 4 =$ _____

$m\angle 5 =$ _____

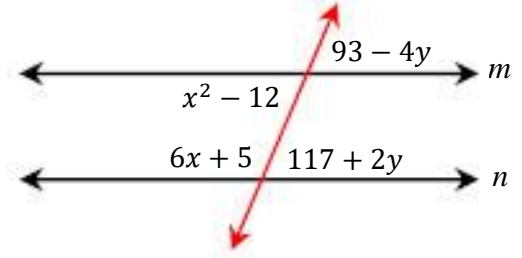
$m\angle 6 =$ _____



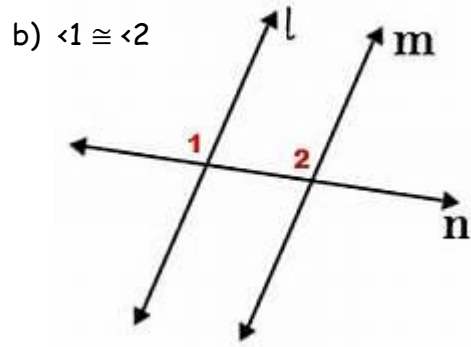
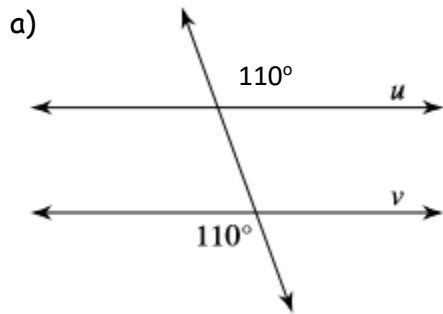
- 3) Find the value of x in the diagram.



4) Find the value of x and y in the diagram if $m \parallel n$.



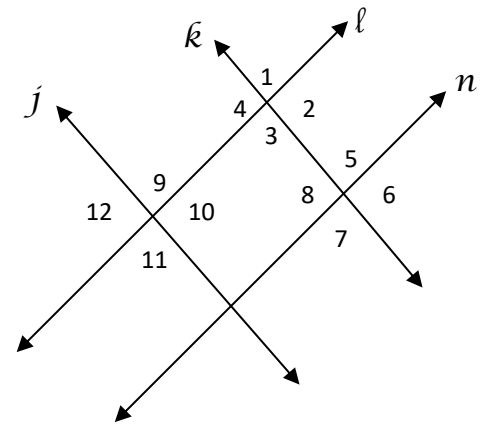
5) What theorem or postulate justifies being able to conclude the lines below are parallel?



6) Complete the proof below.

Given: $l \parallel n$ and $j \parallel k$

Prove: $\angle 5 \cong \angle 11$



Statements	Reasons