Name: _____

Special Angle Pairs AWS 2

From Chapter 1:

Pairs	Relation	Equation	Description
Vertical	Congruent	∠ = ∠	Opposite sides of the x
Linear pair	Supplementary	∠ +∠ = 180	Forms 1 line (y)

Supplementary: Big + Little = 180 **Congruent: Big=Big or Little = Little**

From Chapter 3:

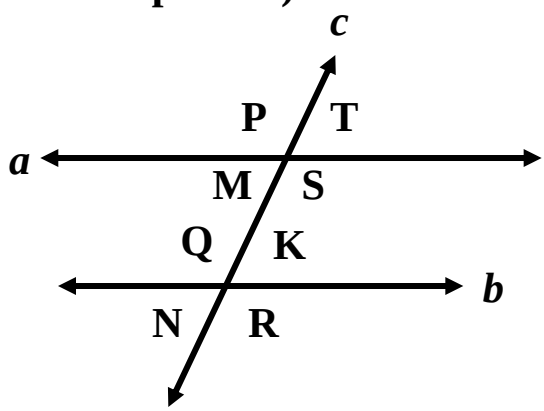
Pairs	Relation	Equation	Description
Alternate Interior	Congruent	∠ = ∠	Opposite, both interior
Alternate Exterior	Congruent	∠ = ∠	Opposite, both exterior

Alternate = Opposite sides of the transversal (line c in this picture)

Corresponding	Congruent	∠ = ∠	Same side, one each (I/E)
Consecutive Interior	Supplementary	∠ +∠ = 180	Same side, both interior

"C" = Same side of the transversal (line c in this picture)

Find all angle pairs in the following diagram:



Vertical Angles:

P and S, M and T
Q and R, K and N

Linear Pairs:

P and T, M and P, M and S, T and S
Q and K, K and R, Q and N, R and N

Alternate Interior

M and K, Q and S

Alternate Exterior

P and R, T and N

Corresponding

P and Q, T and K
M and N, S and R

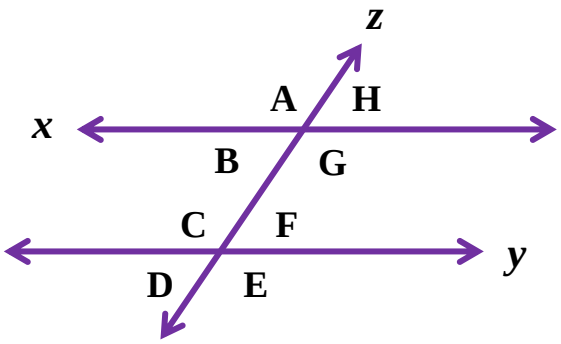
Consecutive Interior

M and Q, K and S

Lines *a* and *b* could be parallel and line *c* is the transversal (cuts across two lines)

Finding Angle Relationships Worksheet **Name:** _____

Using the picture below



Name the lines that could be parallel:

Name the line that is a transversal:

Find *two* occurrences of the following:

Linear Pairs:

Vertical Angles:

Alternate Interior Angles:

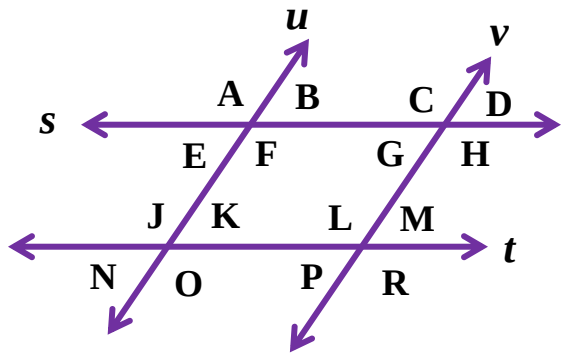
Alternate Exterior Angles:

Consecutive Interior Angles:

Consecutive Exterior Angles:

Corresponding Angles:

Using the picture below



Name the lines that could be parallel and their transversal(s):

Parallel		Transversal	

Find *two* occurrences of the following:

Linear Pairs:

Vertical Angles:

Alternate Interior Angles:

Alternate Exterior Angles:

Consecutive Interior Angles:

Consecutive Exterior Angles:

Corresponding Angles:
