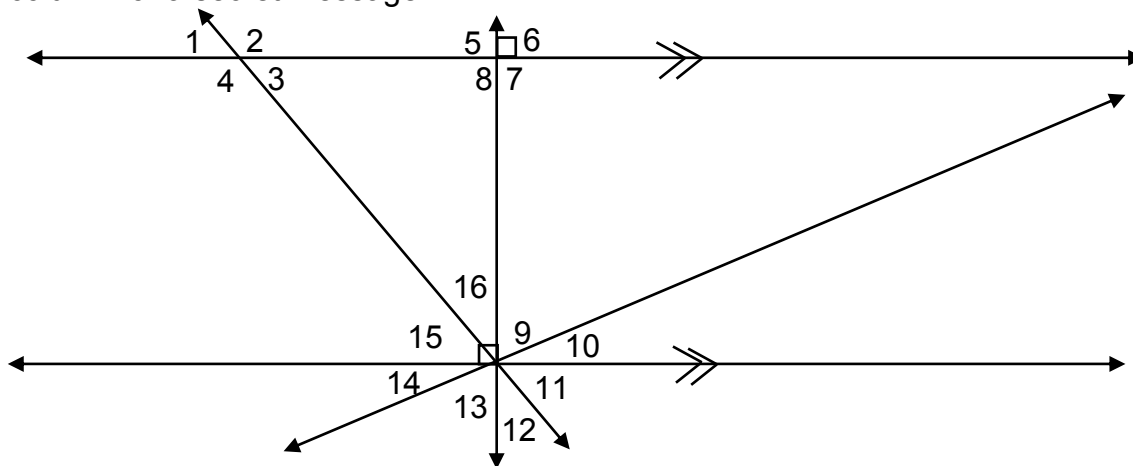Student Name: _____ Date: _____

Angle Puzzler

Complete the table below using patty paper to verify your answer. Write the *letter* that makes the statement true in the Answer Choices columns. Upon completion, read the letters in the Answer column for a secret message.

Statement	Answer Choices		Answer
1 ∠2 is congruent to angle_____.	3 W	4 N	
2 ∠10 and angle _____ are complementary angles.	9 I	11 O	
3 ∠1 is congruent to angle _____.	14 R	15 C	
4 ∠3 and angle _____ have a sum of 180°.	1 K	2 E	
5 ∠7 and angle _____ are supplementary.	5 W	13 K	
6 ∠13 and angle _____ are congruent.	9 O	15 E	
7 ∠11 is congruent to angle _____.	16 C	15 R	
8 Angle _____ is a right angle.	8 K	9 E	

Communicating About Mathematics
What strategy did you use to determine if two angles were supplementary?

_____

_____

_____

_____

_____