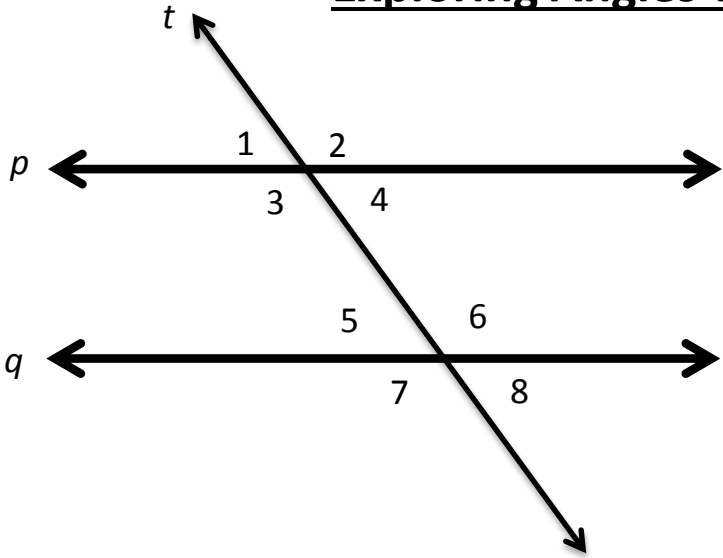# Exploring Angles with Parallel Lines

Lines *p* and *q* are parallel. Make a conjecture about the relationship between the following angles:

<2 and < 3:

<1 and <5:

<4 and < 6:

<3 and <6:

<1 and <8:

<2 and <8:

Use my website link to observe the sketch when you slide the transversal line *t* from side to side. Slide it 3 different times to get 3 different measurements for each angle

	m<1	m<2	m<3	m<4	m<5	m<6	m<7	m<8
1st								
2nd								
3rd								

<1 and <4 are called _____.   Other Examples:

<2 and <6 are called _____.   Other Examples:

<4 and <6 are called _____.   Other Examples:

<3 and <6 are called _____.   Other Examples:

<2 and <7 are called _____.   Other Examples:

<1 and <7 are called _____.   Other Examples:

<1 and <3 are called _____.   Other Examples: