

Alternate interior angles: these are angles between the parallel lines but on opposite sides of the transversal. Name two pairs of alternate interior angles in the diagram above: L4+L6 L3+L5

What characteristic do you notice about these pairs?

Same-side interior angles: these are angles between the parallel lines but on the same side of the transversal. Name two pairs of same-side interior angles in the diagram above: L4+L5 L3+L6

What characteristics do you notice about these pairs?

Corresponding angles: these are angles that are on the same side of the transversal where one is between the parallel lines and the other is outside the parallel lines. These angles are congruent. (ex. < 1 and < 5)

LYLE LZ+LC LZ+L7 Name the other three pairs of corresponding angles:

Congruent

Non-Parallel Line Activity Measure all the numbered angles with a protractor.

