



Alternate interior angles - $3 + 6$, $4 + 5$

Corresponding angles - $1+5$, $2+6$, $3+7$, $4+8$

Alternate exterior angles - $1+8$, $2+7$

Proving that two lines are parallel

- a pair of alternate int. angles are congruent
- a pair of corresponding angles are congruent
- a pair of interior angles on the same side are supp.
- both lines are perpendicular to the same line

A.A.S. - method of proving two triangles congruent

H.L. - hypotenuse, leg - special case of A.S.S.

A.S.S or S.S.A is not a method of proving two triangles congruent

A.A.A. is not a method of proving two triangles congruent

PL - Parallel Lines