

Lines & Angles Alternate interior Angle L3 & L5 48 46 Alternate Enterior Angle L1& L7 L2 & L8

Corresponding Angle 21865, L2 x 2 6 L3 & L3, 64868

Arion 1 :- Corresponding Angle Axion

If transcursal interact with 2 Straight line, each pair of corresponding is equal.

Assiom 2: - Corresponding single Assiom

If corresponding angle is equal, then 2 line are parelled Theorem 1

If kansveral intersect 2 parallel, each pair of alternate texterior angle is equal.

If transversal intersect 2 line such that pair of alternate interior is equal, then 2 line are parallel.



Theorem 3

each pair of interior angle on same side of transversal is supplementary.

Theorem 4

29 teansversal intersect 2 line such that a pair of interior angle on same side of transversal is supplementary, then two lines are parallel.

Theorem 5

If 2 lines are parallel to same line, they will be parallel to each other.

