

MATHEMATICS: ANGLES





If two parallel lines are cut by a transversal: The corresponding angles are equal.

b

The alternative angles are equal.

A transversal is a line cutting two or more parallel lines.

b° a°

The co-interior angles are supplementary (sum to 180°)

Find the value of one or more angles in the diagrams below and give reasons.



















MATHEMATICS: ANSWER SHEET

Learning Objective: To apply knowledge to find the value of one angle and more than one angle





If two parallel lines are cut by a transversal: The corresponding angles are equal.

The alternative angles are equal.

two or more parallel lines. $a^{\circ} \qquad b^{\circ}$

A transversal is a line cutting

The co-interior angles are supplementary (sum to 180°)

Find the value of one or more angles in the diagrams below and give reasons.



Parallel Corresponding angles are equal 83° = 83°

Not parallel Alternate angles are equal 62° ≠ 67° Not Parallel Cointerior angles sum to 180° 79° + 94° ≠ 180