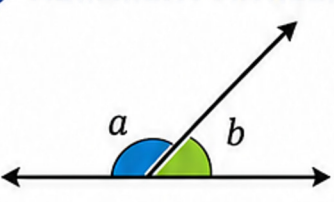


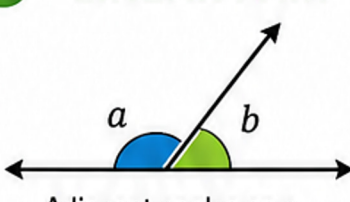
ANGLE RELATIONSHIP POSTERS

1 ADJACENT ANGLES



Share a common vertex and a common side.


2 LINEAR PAIR



Adjacent angles on a straight line.

$a + b = 180^\circ$

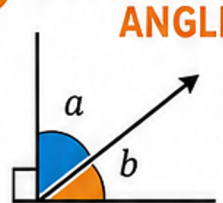
3 VERTICALLY OPPOSITE ANGLES



Opposite angles are equal.

$a = b$

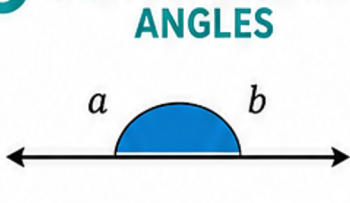
4 COMPLEMENTARY ANGLES



Two angles that add up to 90° .

$a + b = 90^\circ$

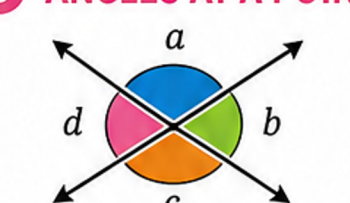
5 SUPPLEMENTARY ANGLES



Two angles that add up to 180° .

$a + b = 180^\circ$

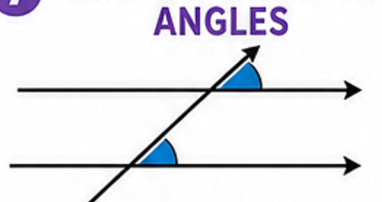
6 ANGLES AT A POINT



Angles around a point add up to 360° .

$a + b + c + d = 360^\circ$

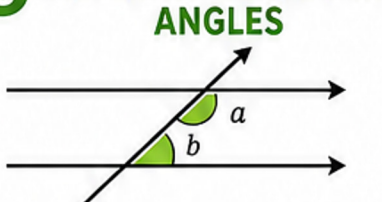
7 CORRESPONDING ANGLES



Equal angles in the same relative position.

$a = b$

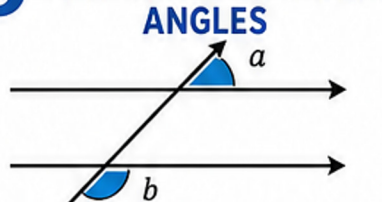
8 ALTERNATE INTERIOR ANGLES



Equal angles on opposite sides of the transversal.

$a = b$

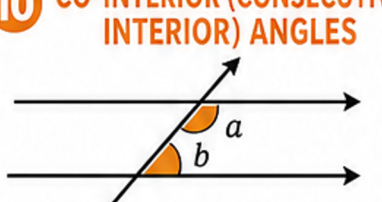
9 ALTERNATE EXTERIOR ANGLES



Equal angles on opposite sides of the transversal.

$a = b$

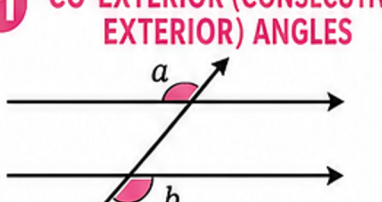
10 CO-INTERIOR (CONSECUTIVE INTERIOR) ANGLES



Interior angles on the same side of the transversal.

$a + b = 180^\circ$

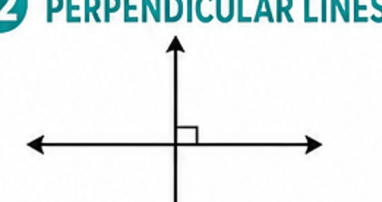
11 CO-EXTERIOR (CONSECUTIVE EXTERIOR) ANGLES



Exterior angles on the same side of the transversal.

$a + b = 180^\circ$

12 PERPENDICULAR LINES



Lines that meet at 90° .

$\angle = 90^\circ$