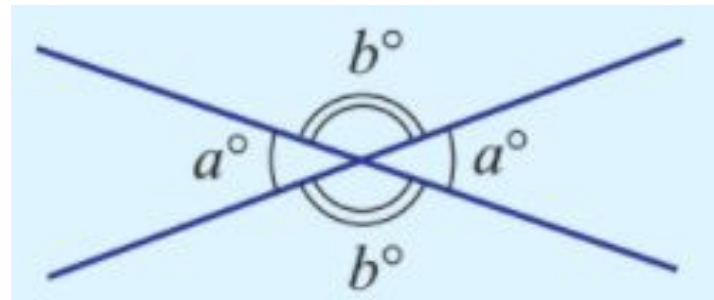# VERTICALLY OPPOSITE ANGLES

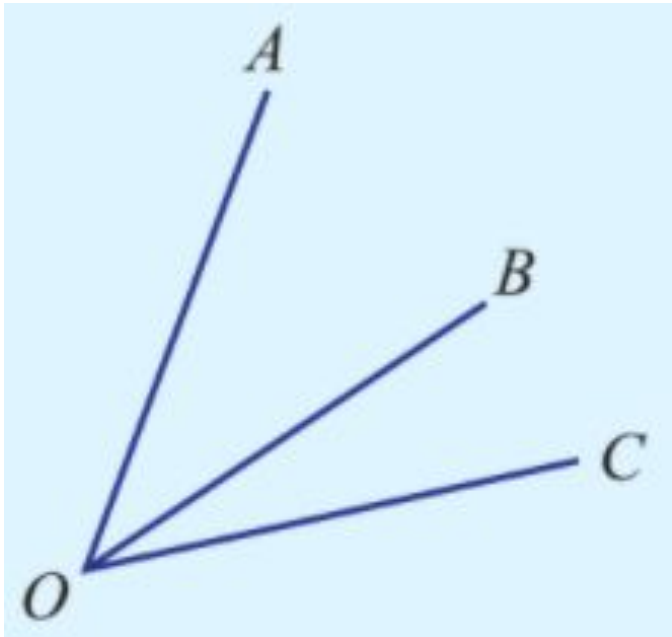Vertically opposite angles are formed when two lines intersect.

Vertically opposite angles are equal.
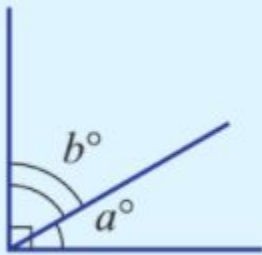
ADJACENT ANGLES

Adjacent angles are side by side; they share a vertex and an arm.
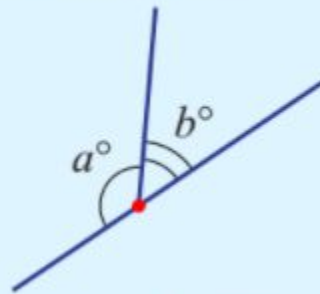

$\angle COB = \angle BOA$ are adjacent

COMPLEMENTARY, SUPPLEMENTARY AND REVOLUTION ANGLES
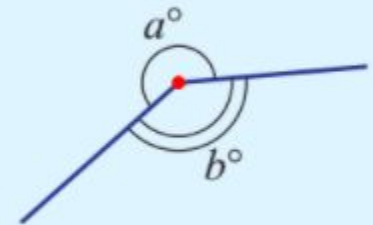
Complementary adjacent angles sum to 90°.

■ **Supplementary** adjacent angles sum to 180°.

■ Angles in a **revolution** sum to 360°.

$a + b = 90$

$a + b = 180$

$a + b = 360$