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SPECIAL PAIRS OF ANGLES:

1.<u>Complementary Angles</u>: Pair of angles whose sum of measures equals 90°.

 40° and 50° angles are complementary angles because $40^{\circ} + 50^{\circ} = 90^{\circ}$.

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Example: A 40° angle is called the complement of the 50° angle.

Similarly, the 50° angle is the complement of the 40° angle.





2.<u>Supplementary Angle</u>: Pair of angles whose sum of measures equals 180°.

 60° and 120° angles are supplementary angles because $60^{\circ} + 120^{\circ} = 180^{\circ}$.

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Example: A 60° angle is called the supplement of the 120° angle.

Similarly, the 120° angle is the supplement of the 60° angle.

Practice : Find the supplement of each angle.				
a)	40°. [40	b) 126° 54 [°]	c) 7722° ເວີ້	





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10. One of two supplementary angles is 123° less than twice its supplement. Find the measure of both angles.



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