

Unit 2 Facts

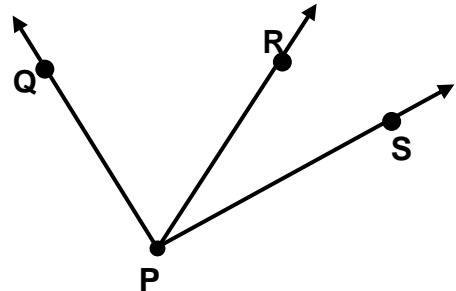
Formulas:

n represents the # of sides of a polygon and the # of angles

- Sum of the interior angles of a polygon = $180^\circ(n - 2)$
 - Each interior angle of a regular polygon = $\frac{180^\circ(n-2)}{n}$
 - Sum of the exterior angles of a polygon = 360°
 - Each exterior angle of a regular polygon = $\frac{360^\circ}{n}$
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Postulates & Theorems:

- Angle Addition Postulate: If R is in the interior of $\angle QPS$, then $m\angle QPR + m\angle RPS = m\angle QPS$.



- Vertical Angles Theorem: Vertical angles are congruent.
- Linear Pair Theorem: If two angles form a linear pair, then the angles are supplementary.