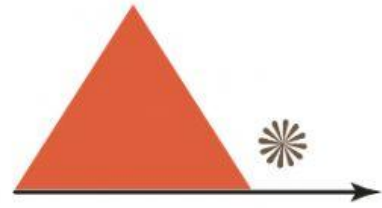
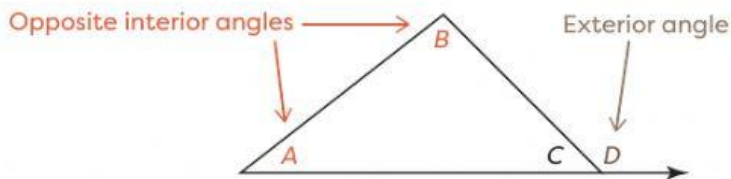


Finding Exterior Angles of Triangles

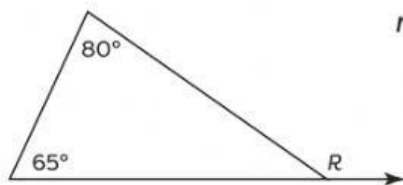


The **Exterior Angle Theorem** states that the measure of an exterior angle of a triangle is equal to the sum of the two opposite interior angles.

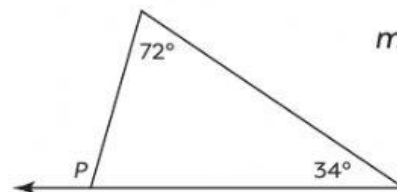


$$m\angle A + m\angle B = m\angle D$$

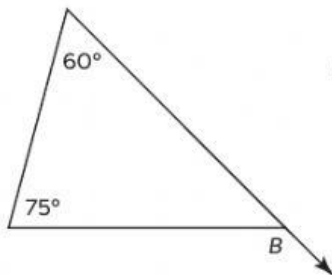
Apply it! Find each missing exterior angle. Use the information above to help you!



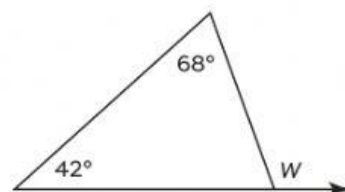
$$m\angle R = \underline{\hspace{2cm}}$$



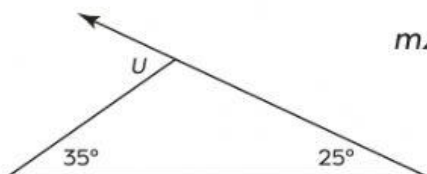
$$m\angle P = \underline{\hspace{2cm}}$$



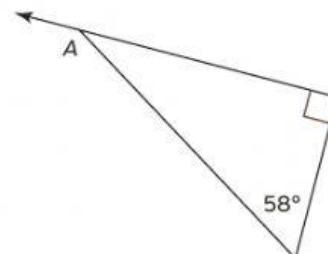
$$m\angle B = \underline{\hspace{2cm}}$$



$$m\angle W = \underline{\hspace{2cm}}$$



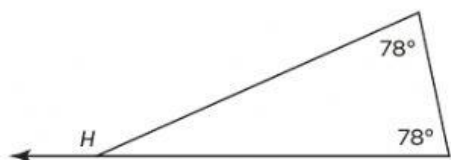
$$m\angle U = \underline{\hspace{2cm}}$$



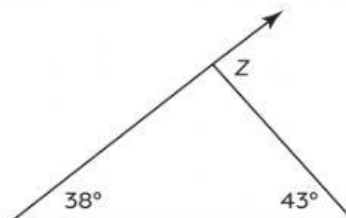
$$m\angle A = \underline{\hspace{2cm}}$$

Finding Exterior Angles of Triangles

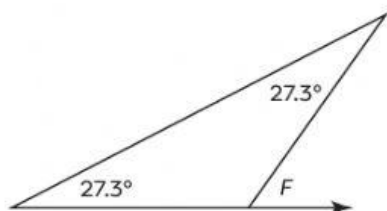
Keep going! Find each missing exterior angle.



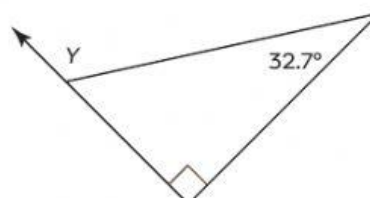
$m\angle H = \underline{\hspace{2cm}}$



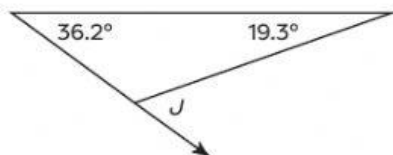
$m\angle Z = \underline{\hspace{2cm}}$



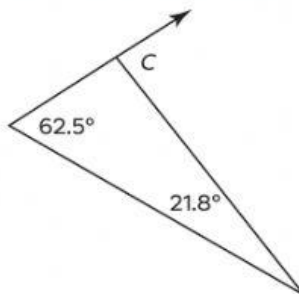
$m\angle F = \underline{\hspace{2cm}}$



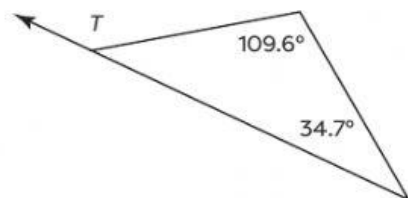
$m\angle Y = \underline{\hspace{2cm}}$



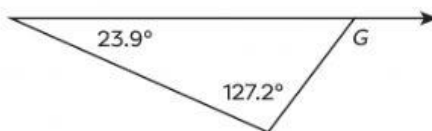
$m\angle J = \underline{\hspace{2cm}}$



$m\angle C = \underline{\hspace{2cm}}$



$m\angle T = \underline{\hspace{2cm}}$



$m\angle G = \underline{\hspace{2cm}}$