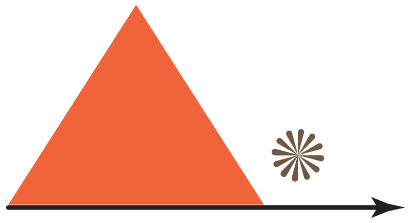
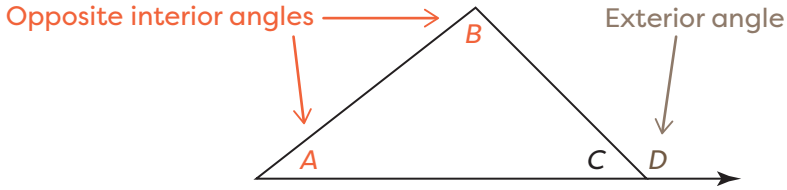
Name _____ Date _____ Page 1

Finding Exterior Angles of Triangles

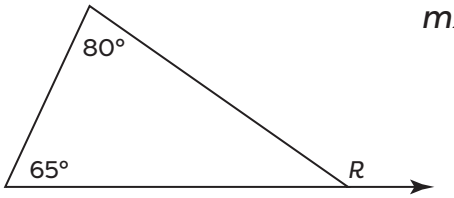


The **Exterior Angle Theorem** states that the measure of an exterior angle of a triangle is equal to the sum of the two opposite interior angles.

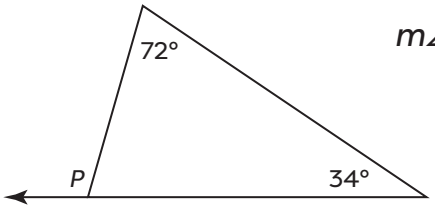


$m\angle A + m\angle B = m\angle D$

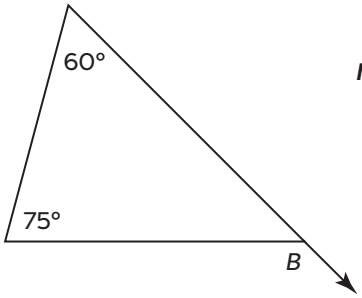
Apply it! Find each missing exterior angle. Use the information above to help you!



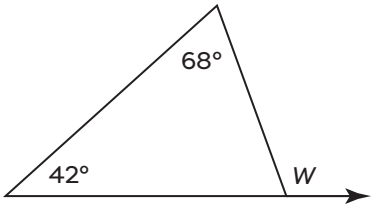
$m\angle R =$ _____



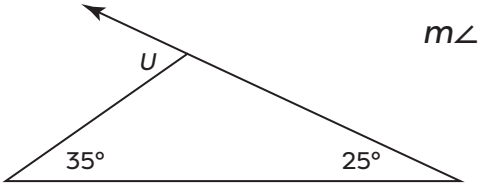
$m\angle P =$ _____



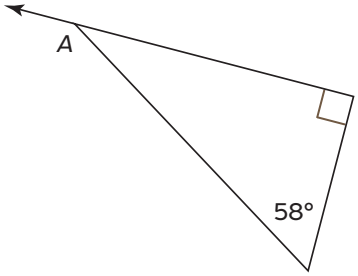
$m\angle B =$ _____



$m\angle W =$ _____



$m\angle U =$ _____



$m\angle A =$ _____

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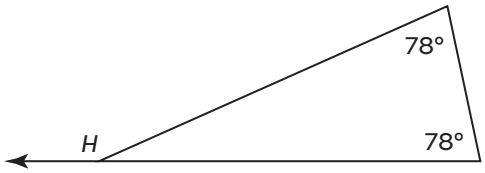
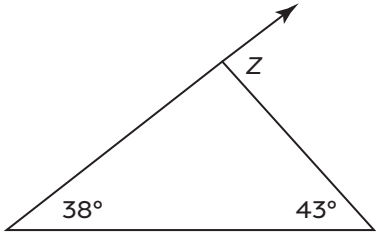
Finding Exterior Angles of Triangles

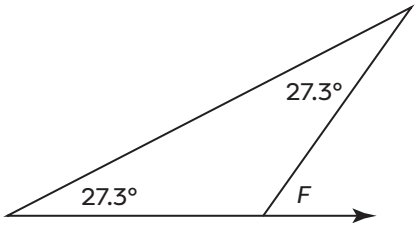
Keep going! Find each missing exterior angle.



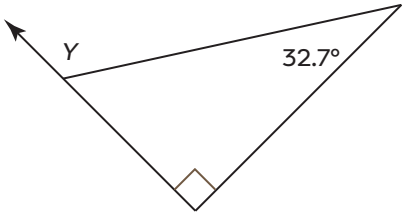
$m\angle H =$ _____



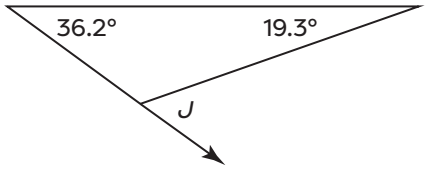
$m\angle Z =$ _____



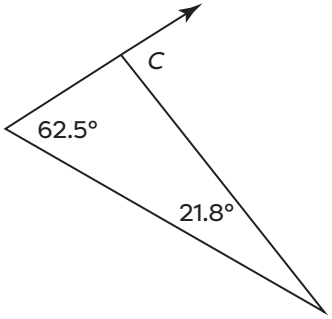
$m\angle F =$ _____



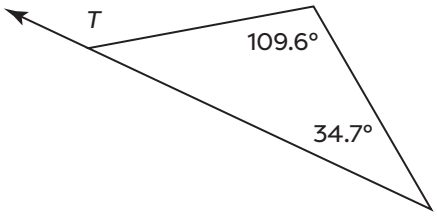
$m\angle Y =$ _____



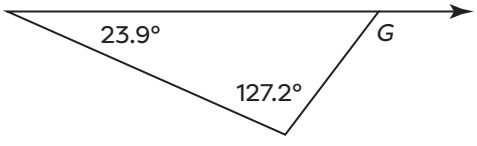
$m\angle J =$ _____



$m\angle C =$ _____



$m\angle T =$ _____



$m\angle G =$ _____

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