

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

CCGPS Analytic Geometry

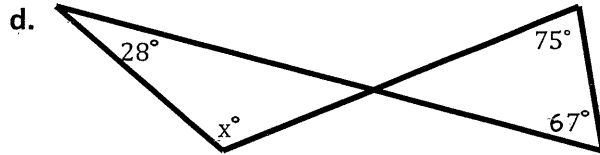
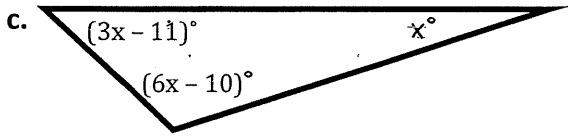
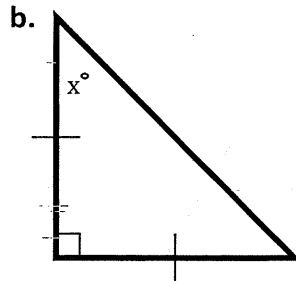
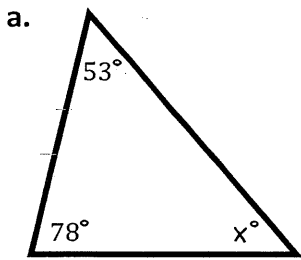
Notes: Interior and Exterior Angles of Triangles

Homework: Attached worksheet

Essential Question: What are the steps to finding the measure of interior and exterior angles of a polygon?

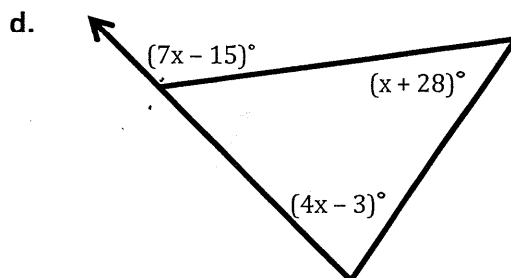
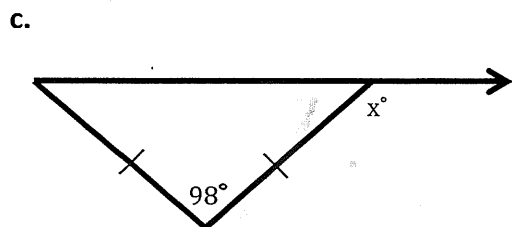
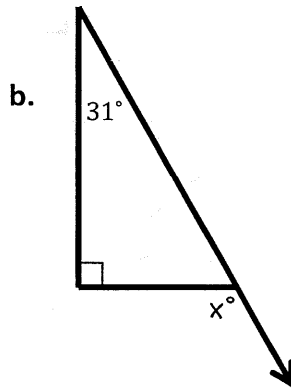
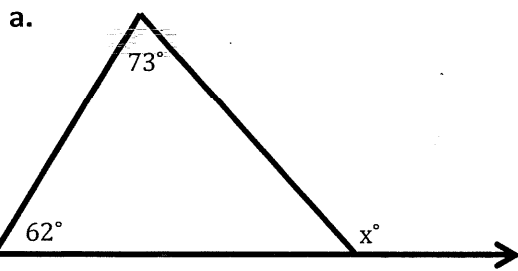
The Triangle Angle Sum Theorem states that the sum of the angles in a triangle is \_\_\_\_\_.

Examples: Find the value of  $x$ .



The Exterior Angle Theorem states that the measure of an exterior angle of a triangle is \_\_\_\_\_ to the sum of the measures of the two non-adjacent interior angles.

Examples: Find the value of  $x$ .



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Homework: Interior and Exterior Angles of Triangles

Directions: Find the value of  $x$ .

