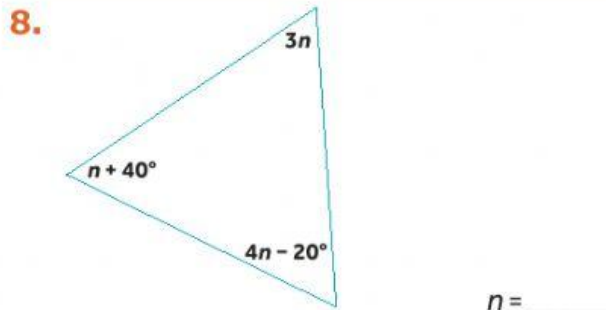
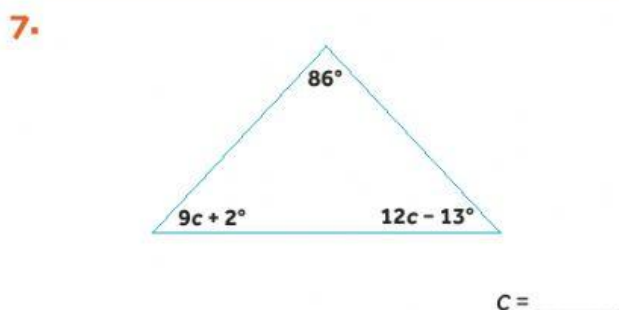
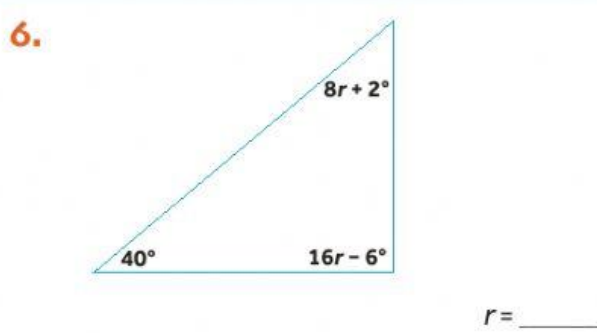
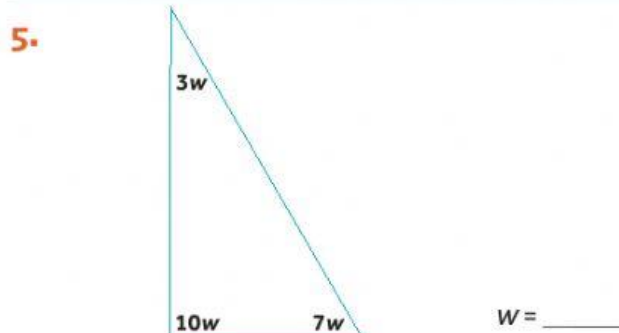
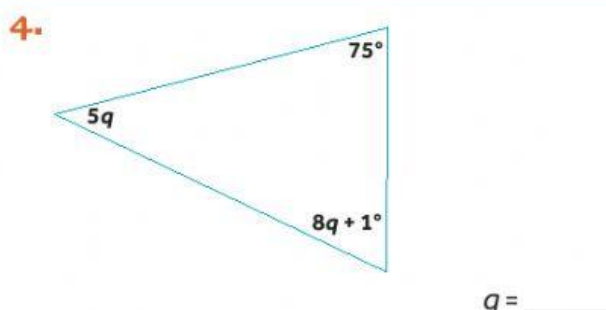
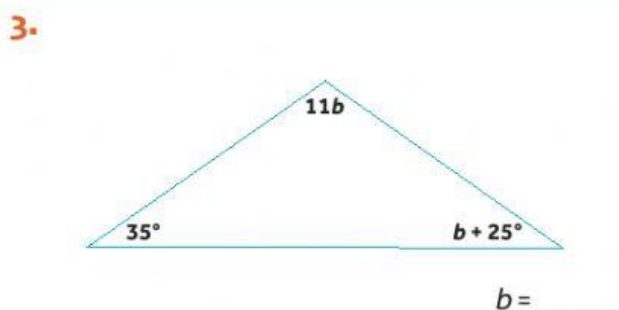
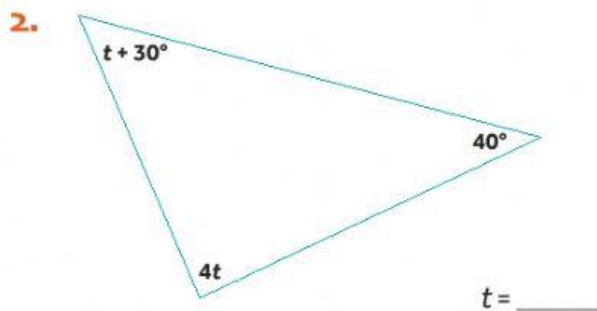
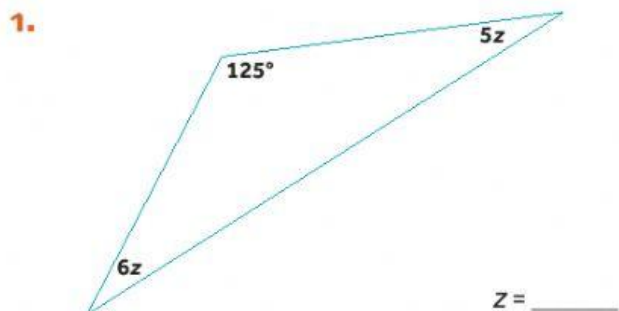


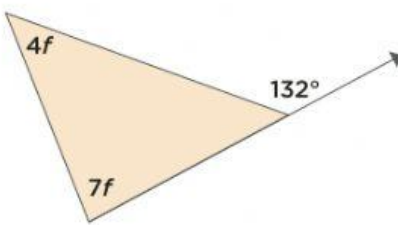
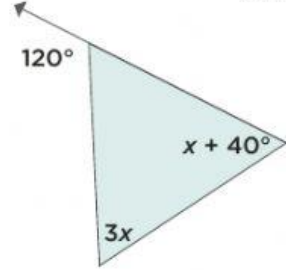
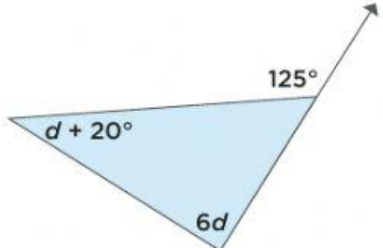
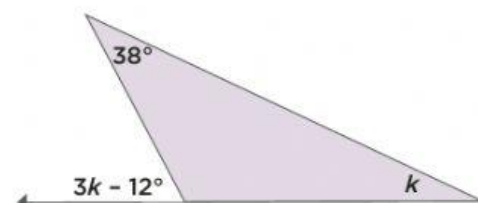
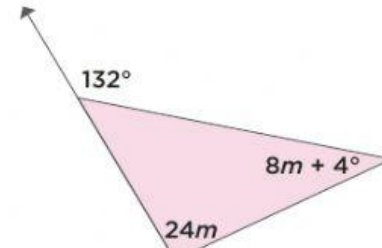
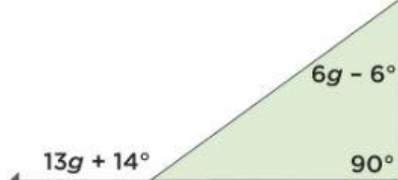
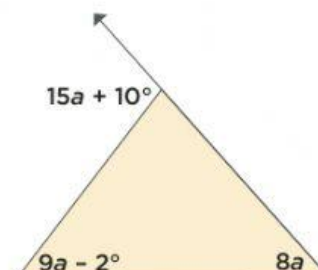
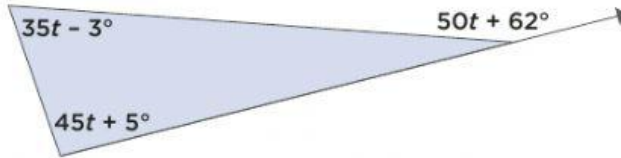
Interior Angles in Triangles: Solve for the Variable

The **Triangle Angle-Sum Theorem** states that the measures of the interior angles of a triangle add up to 180° . Use this theorem to solve for the variables below. Show workout for each problem & submit when complete.



EXTERIOR ANGLES OF TRIANGLES: SOLVE FOR THE VARIABLE

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. Use this theorem to solve for the variables below. Show workout for each problem & submit when complete.

1.  $f = \underline{\hspace{2cm}}$	2.  $x = \underline{\hspace{2cm}}$
3.  $d = \underline{\hspace{2cm}}$	4.  $k = \underline{\hspace{2cm}}$
5.  $m = \underline{\hspace{2cm}}$	6.  $g = \underline{\hspace{2cm}}$
7.  $a = \underline{\hspace{2cm}}$	8.  $t = \underline{\hspace{2cm}}$