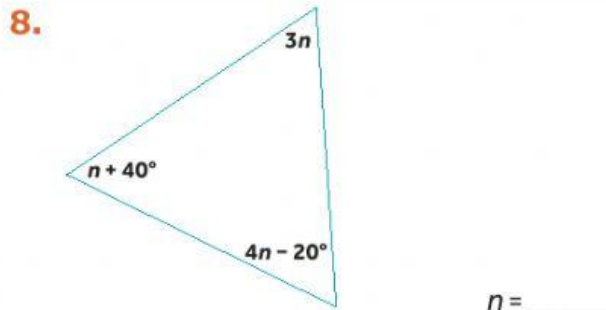
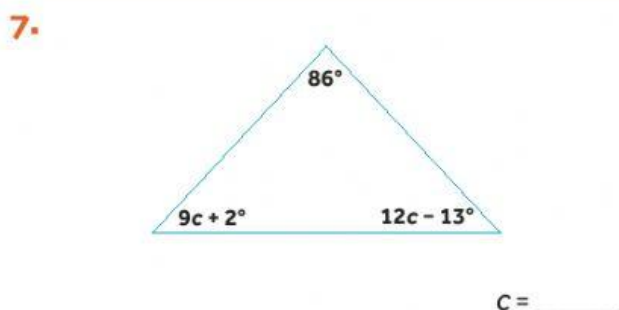
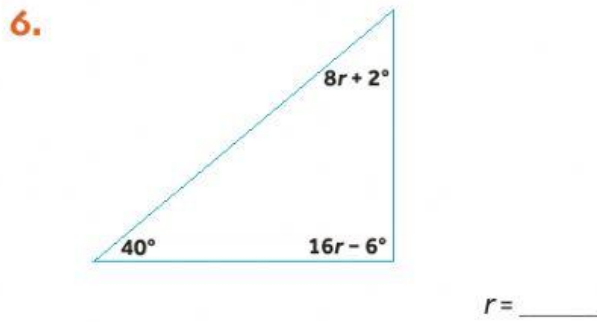
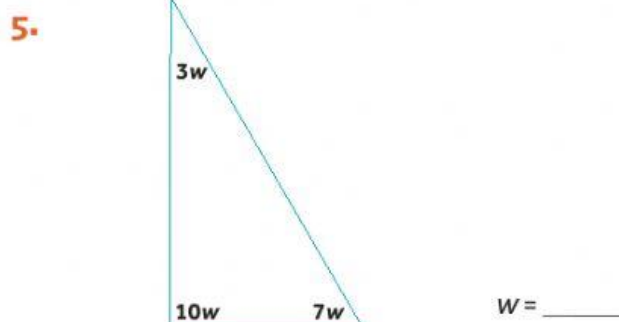
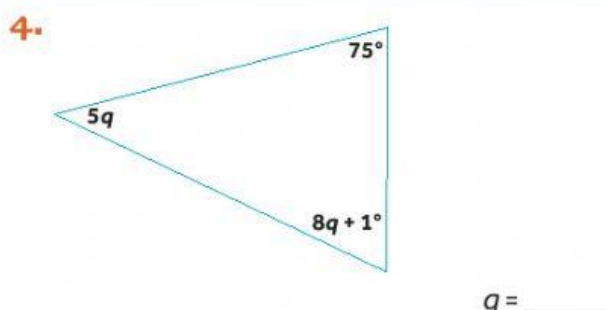
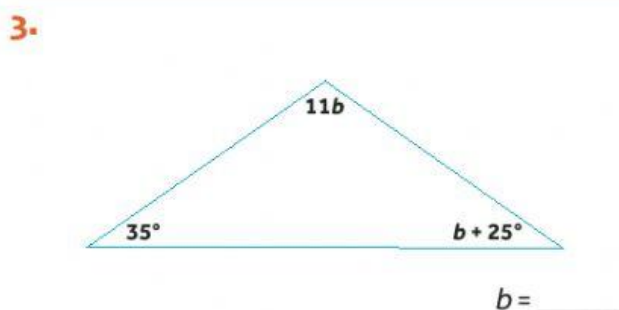
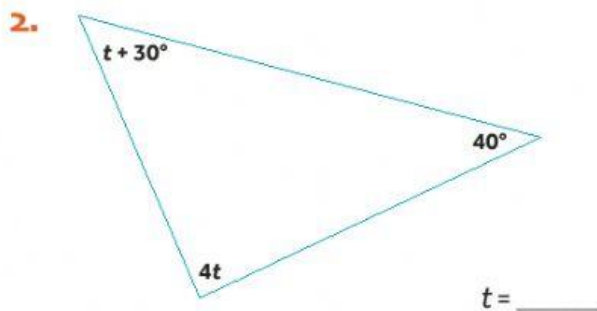
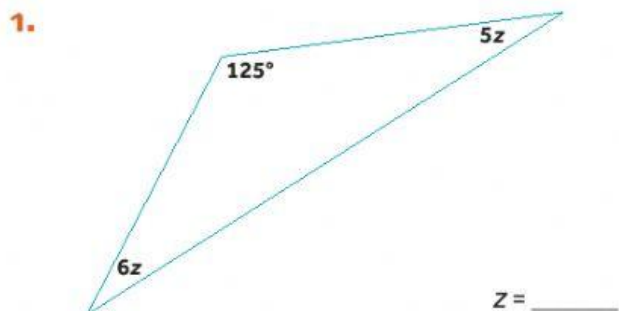


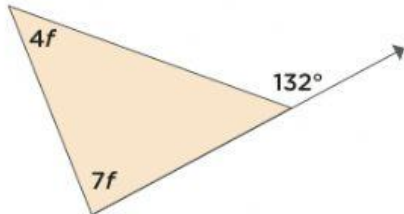
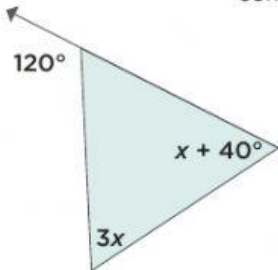
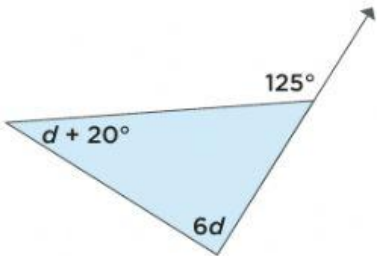
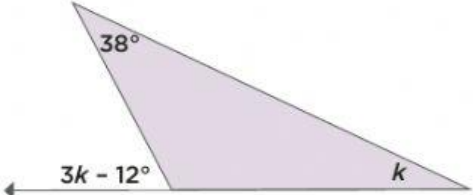
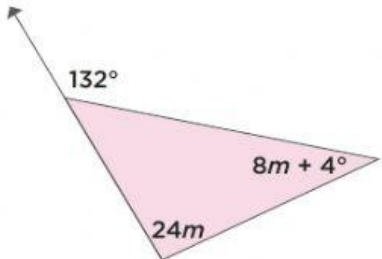
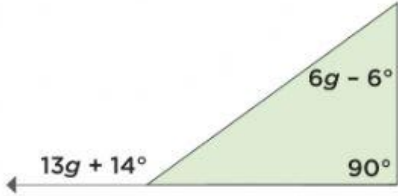
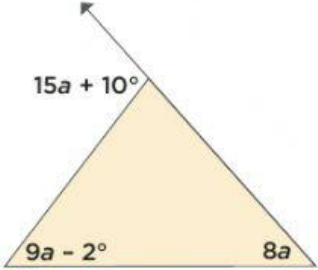
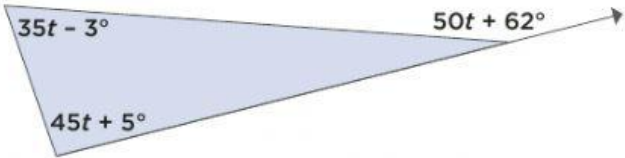
Interior Angles in Triangles: Solve for the Variable

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.  $f =$ _____	2.  $x =$ _____
3.  $d =$ _____	4.  $k =$ _____
5.  $m =$ _____	6.  $g =$ _____
7.  $a =$ _____	8.  $t =$ _____