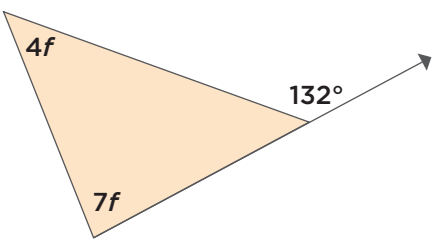
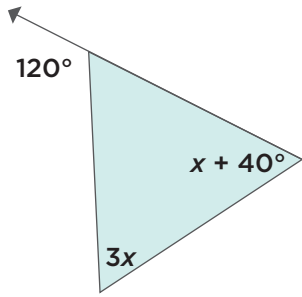
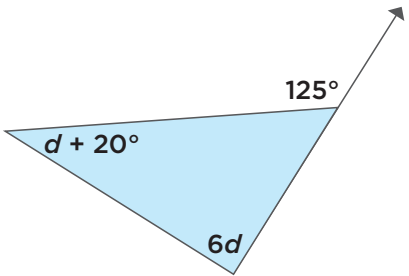


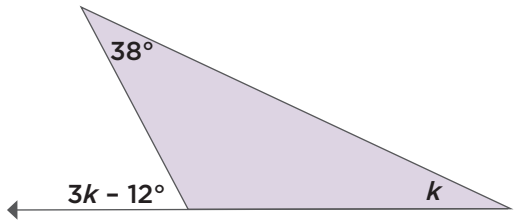
# EXTERIOR ANGLES OF TRIANGLES: SOLVE FOR THE VARIABLE

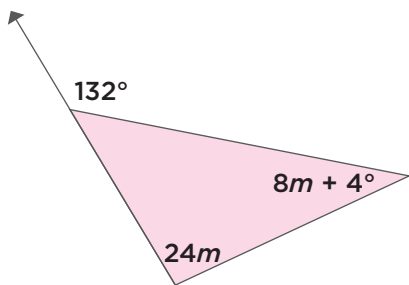
The **Exterior Angle Theorem** states that the measure of an exterior angle of a triangle is equal to the sum of the two opposite interior angles. Use this theorem to solve for the variables below.

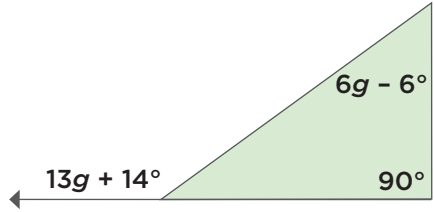
1.   $f = \underline{\hspace{2cm}}$

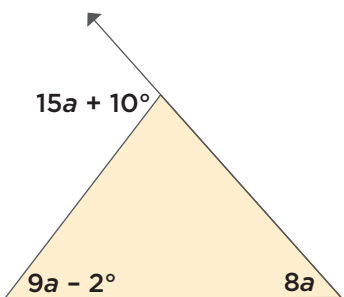
2.   $x = \underline{\hspace{2cm}}$

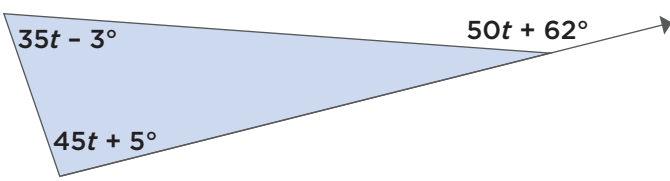
3.   $d = \underline{\hspace{2cm}}$

4.   $k = \underline{\hspace{2cm}}$

5.   $m = \underline{\hspace{2cm}}$

6.   $g = \underline{\hspace{2cm}}$

7.   $a = \underline{\hspace{2cm}}$

8.   $t = \underline{\hspace{2cm}}$