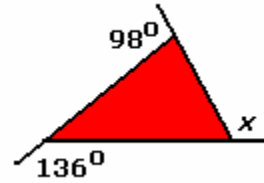


11.1 Key Concepts 3 Exterior Angles of a Triangle Worked Example

Example: Find the measure of angle x .

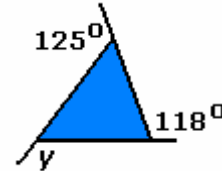
Solution: The exterior angles of a triangle add to 360° .

$$\begin{aligned}\angle x &= 360^\circ - 98^\circ - 136^\circ \\ &= 126^\circ\end{aligned}$$

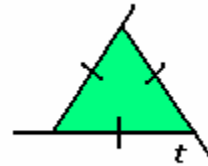


Practice:

1. Find the measure of angle y .



2. Find the measure of angle t .



Answers: 1. 117° , 2. 120°