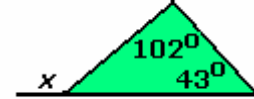


11.1 Key Concepts 2 Exterior and Interior Angles of a Triangle Worked Example

Example: Find the measure of angle x .

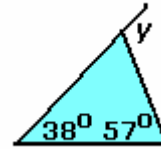
Solution: The exterior angle of a triangle equals the sum of the two opposite interior angles.

$$\begin{aligned}\angle x &= 102^\circ + 43^\circ \\ &= 145^\circ\end{aligned}$$

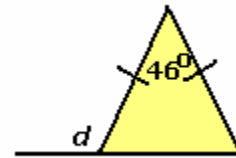


Practice:

1. Find the measure of angle y .



2. Find the measure of angle d .



Answers: 1. 95° , 2. 113°