Worked example

In $\triangle ABC$, $AB = 8cm$, $AC = 6\ cm$ and $\angle ABC = 88°$.

Work out the two possible values of $\angle ACB$

Your turn

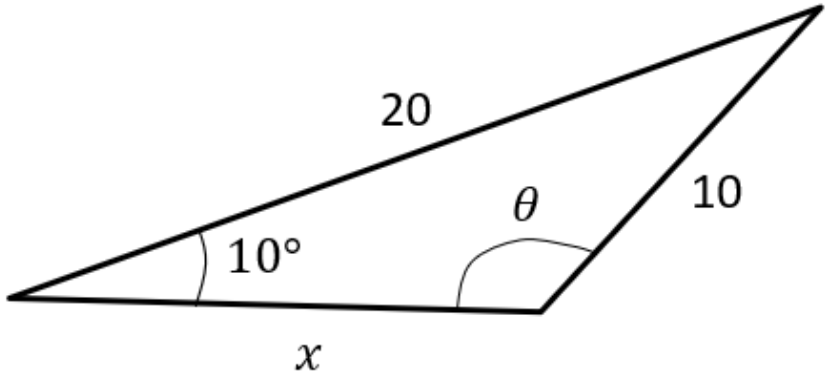
In $\triangle ABC$, $AB = 4cm$, $AC = 3\ cm$ and $\angle ABC = 44°$.

Work out the two possible values of $\angle ACB$

67.9° and 112° (3 sf)

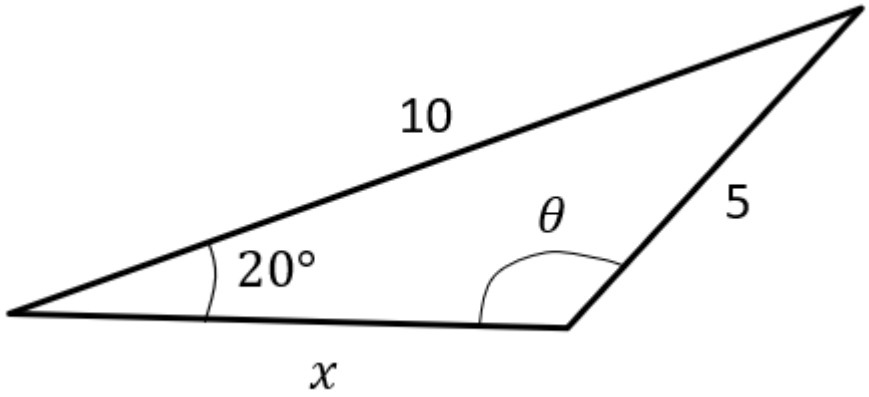
Worked example

Given that the angle θ is obtuse, determine θ and hence determine the length of x.



Your turn

Given that the angle θ is obtuse, determine θ and hence determine the length of x.



$\theta = 137°$ (3 sf)

$x = 5.75$ (3 sf)