

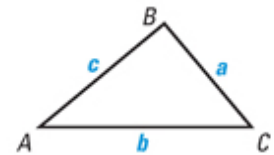
Honors Geometry

Notes Section 7.8

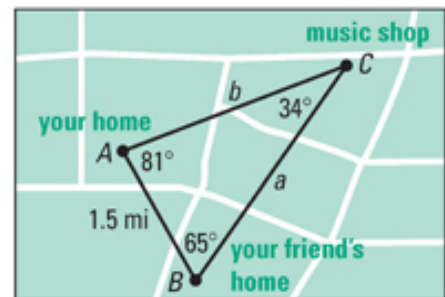
Law of Sines and Law of Cosines

Law of Sines: _____

Law of Cosines: _____

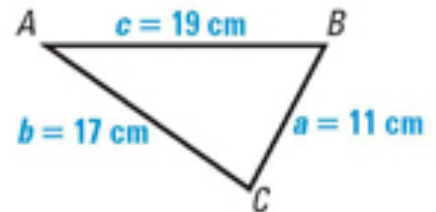


EXAMPLE 1 Use the information in the diagram to determine how much closer you live to the music store than your friend does.



EXAMPLE 2 In $\triangle ABC$, $a = 11$ cm, $b = 17$ cm and $c = 19$ cm.

Find $m\angle C$.



EXAMPLE 3 In $\triangle DEF$, $d = 9$ inches, $e = 12$ inches, and $m\angle F = 46^\circ$.

Find f to the nearest hundredth.