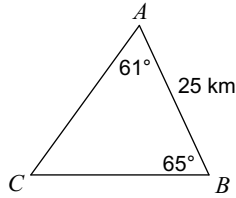


Law of Sines Worksheet

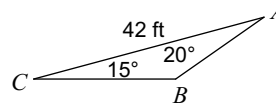
Date _____ Period _____

Find each measurement indicated. Round your answers to the nearest tenth.

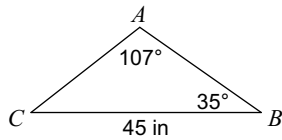
1) Find AC



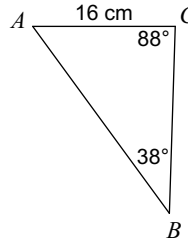
2) Find BC



3) Find AC



4) Find AB



5) $m\angle A = 91^\circ$, $m\angle B = 74^\circ$, $c = 7$ m
Find b

6) $m\angle A = 16^\circ$, $m\angle B = 25^\circ$, $a = 13$ m
Find b

7) $m\angle A = 110^\circ$, $c = 14$ km, $a = 29$ km
Find $m\angle C$

8) $m\angle C = 88^\circ$, $b = 10$ ft, $c = 22$ ft
Find $m\angle B$

9) $m\angle C = 46^\circ$, $b = 29$ in, $c = 28$ in
Find a

10) $m\angle B = 102^\circ$, $a = 12$ in, $b = 9$ in
Find $m\angle A$

11) $m\angle C = 18^\circ$, $b = 37$ ft, $c = 27$ ft
Find a

12) $m\angle B = 152^\circ$, $a = 28$ in, $b = 50.5$ in
Find $m\angle A$