

GPS PreCalculus – Daily Check 6-2

Law of Sines

Name _____

Solve the triangle.

1. $a = 5, b = 7, C = 40^\circ$

Hint: You must use Law of Cosines first to solve for c
Then you can switch to the Law of Sines

$A = \underline{\hspace{2cm}}$	$a = 5$
$B = \underline{\hspace{2cm}}$	$b = 7$
$C = 40^\circ$	$c = \underline{\hspace{2cm}}$

2. $A = 48^\circ, C = 73^\circ, b = 5$

$A = 48^\circ$	$a = \underline{\hspace{2cm}}$
$B = \underline{\hspace{2cm}}$	$b = 5$
$C = 73^\circ$	$c = \underline{\hspace{2cm}}$

3. $a = 9, b = 14.5, B = 115^\circ$

$A = \underline{\hspace{2cm}}$	$a = 9$
$B = 115^\circ$	$b = 14.5$
$C = \underline{\hspace{2cm}}$	$c = \underline{\hspace{2cm}}$