

# LAW OF COSINES

TEXT: 8.2

LAST NAME	FIRST NAME	DATE
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**ROUND YOUR ANSWERS TO NO FEWER THAN 3 SIGNIFICANT DIGITS.**

1 (3 points). Solve the triangle with  $A = 3\pi/5$ ,  $b = 14$  mm,  $c = 6$  mm.

$B =$

$C =$

$a =$

2 (3 points). Solve the triangle with  $a = 11$  mi,  $b = 12$  mi,  $c = 13$  mi.

$A =$

$B =$

$C =$

3 (1 point). Solve the triangle with  $a = 123$ ,  $b = 321$ ,  $c = 444$ .