

1. Solve the triangle. If the triangle is impossible, explain. If there is more than one possible triangle, find both.

a. $A = 115^\circ$, $B = 40^\circ$, $c = 7$

b. $A = 22^\circ$, $b = 5$, $c = 3$

c. $A = 92^\circ$, $C = 41^\circ$, $c = 10$

d. $a = 8$, $b = 5$, $c = 10$

e. $A = 50^\circ$, $a = 10$, $b = 12$

f. $A = 46^\circ$, $B = 76^\circ$, $b = 5$