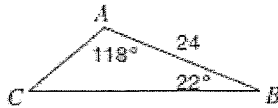
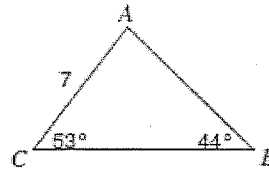


Find each indicated measurement. Give an exact answer before rounding your answers to three decimal places.

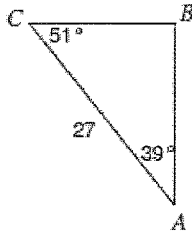
1. Find the measure of
- b
- .



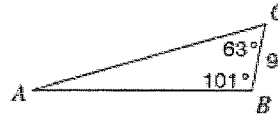
2. Find the measure of AB.



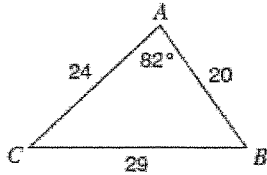
3. Find the measure of
- a
- .



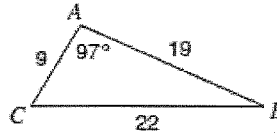
4. Find the measure of AB.



5. Find the measure of angle C.



6. Find the measure of angle C.



State whether the given measurements determine zero, one, or two triangles.

Show work/explain each answer.

7. $C = 63^\circ, b = 9, c = 12$

8. $B = 33^\circ, a = 27, b = 22$

9. $B = 29^\circ, a = 14, b = 19$

10. $B = 95^\circ, b = 24, a = 5$

11. $A = 29^\circ, c = 18, a = 17$

12. $B = 35^\circ, a = 24, b = 6$