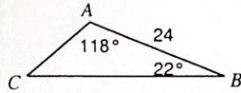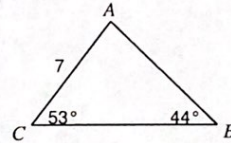# The Law of Sines

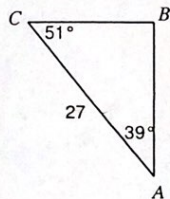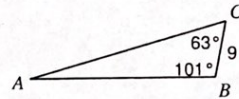**Find each measurement indicated. Round your answers to the nearest tenth.**
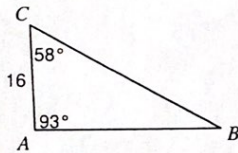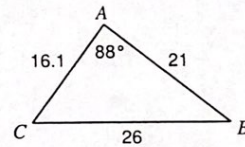
1) Find AC

2) Find AB
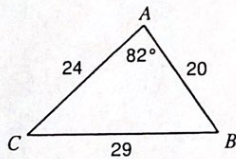

3) Find BC

4) Find AB
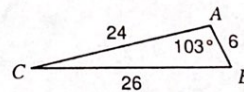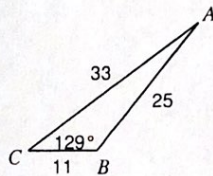

5) Find BC
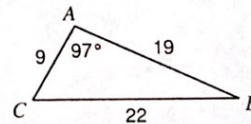

6) Find $m\angle C$

7) Find $m\angle C$

8) Find $m\angle C$

9) Find $m\angle A$

10) Find $m\angle C$

Solve each triangle. Round your answers to the nearest tenth.

11) $m\angle A = 70°$, $c = 26$, $a = 25$

12) $m\angle B = 45°$, $a = 28$, $b = 27$

13) $m\angle C = 145°$, $b = 7$, $c = 33$

14) $m\angle B = 73°$, $a = 7$, $b = 5$

15) $m\angle B = 117°$, $a = 16$, $b = 38$

16) $m\angle B = 84°$, $a = 18$, $b = 9$

17) $m\angle B = 105°$, $b = 23$, $a = 14$

18) $m\angle C = 13°$, $m\angle A = 22°$, $c = 9$