

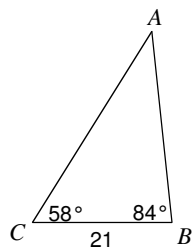
Practice Law of Sines and Law of Cosines

Date_____ Period____

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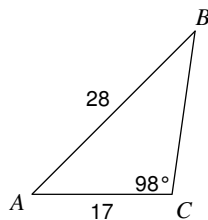
Find the measure of each missing angle and find the measure of each missing side. Round your answers to the nearest tenth.

1)



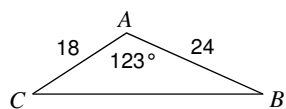
- A) $m\angle A = 38^\circ$, $c = 28.9$, $b = 32$
- B) $m\angle A = 38^\circ$, $c = 28.9$, $b = 33.9$
- C) $m\angle A = 38^\circ$, $c = 24$, $b = 33.9$
- D) $m\angle A = 38^\circ$, $c = 28.9$, $b = 37$

2)



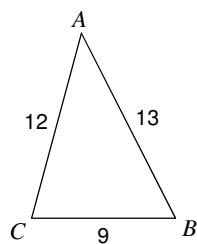
- A) $m\angle A = 45^\circ$, $m\angle B = 37^\circ$, $a = 20$
- B) $m\angle A = 51^\circ$, $m\angle B = 31^\circ$, $a = 20$
- C) $m\angle A = 48.5^\circ$, $m\angle B = 33.5^\circ$, $a = 20$
- D) $m\angle A = 45^\circ$, $m\angle B = 37^\circ$, $a = 21$

3)



- A) $m\angle B = 30^\circ$, $m\angle C = 27^\circ$, $a = 37$
- B) $m\angle B = 28^\circ$, $m\angle C = 29^\circ$, $a = 33$
- C) $m\angle B = 20^\circ$, $m\angle C = 37^\circ$, $a = 37$
- D) $m\angle B = 24^\circ$, $m\angle C = 33^\circ$, $a = 37$

4)



- A) $m\angle B = 66^\circ$, $m\angle C = 81^\circ$, $m\angle A = 33^\circ$
- B) $m\angle B = 63^\circ$, $m\angle C = 75^\circ$, $m\angle A = 42^\circ$
- C) $m\angle B = 65^\circ$, $m\angle C = 73^\circ$, $m\angle A = 42^\circ$
- D) $m\angle B = 66^\circ$, $m\angle C = 71^\circ$, $m\angle A = 43^\circ$