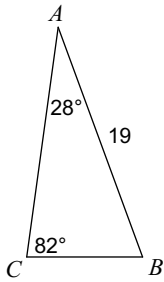


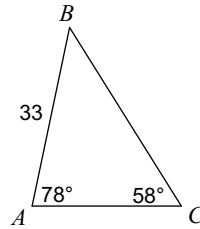
Law of Sines/Cosines & Area Review

Find each measurement indicated. Round your answers to the nearest tenth.

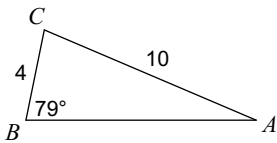
1) Find BC



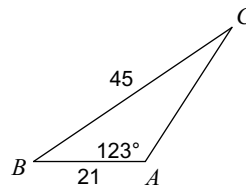
2) Find BC



3) Find $m\angle A$



4) Find $m\angle C$



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

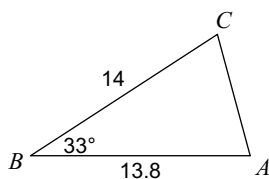
5) $a = 6, c = 14, b = 9$

6) $a = 24, m\angle C = 84^\circ, b = 17$

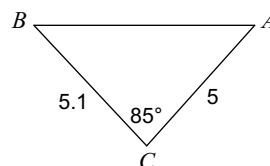
7) $b = 15, m\angle A = 118^\circ, c = 21$

Find the area of each triangle to the nearest tenth.

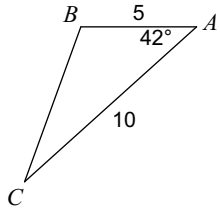
8)



9)



10)



Answers to Law of Sines/Cosines & Area Review

- 1) 9 2) 38.1 3) 23.1° 4) 23°
5) $m\angle A = 17^\circ, m\angle B = 26^\circ, m\angle C = 137^\circ$ 6) $m\angle A = 58.7^\circ, m\angle B = 37.3^\circ, c = 27.9$
7) $m\angle B = 25.3^\circ, m\angle C = 36.7^\circ, a = 31$ 8) 52.6 units^2 9) 12.7 units^2
10) 16.7 units^2