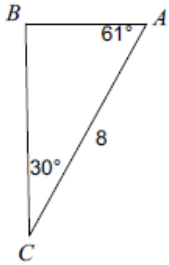


Law of Sines ... Set 2

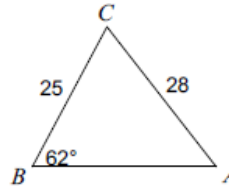
Law of Sines and Cosines Review Worksheet

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

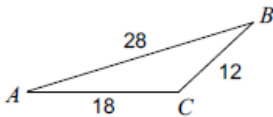
1) Find BC



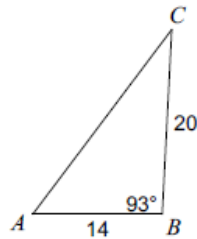
2) Find $m\angle A$



3) Find $m\angle C$

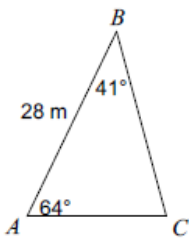


4) Find AC

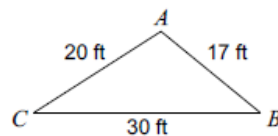


Solve each triangle. Round your answers to the nearest tenth.

5)



6)

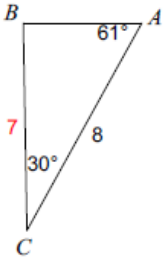


Law of Sines ... Set 2

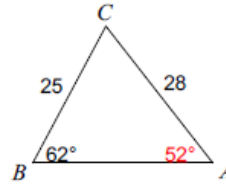
Answers

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

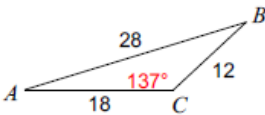
1) Find BC



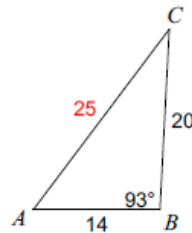
2) Find $m\angle A$



3) Find $m\angle C$

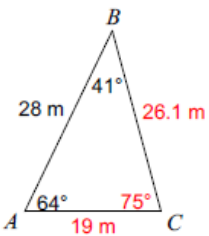


4) Find AC

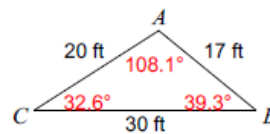


Solve each triangle. Round your answers to the nearest tenth.

5)



6)



Law of Sines ... Set 2

7) $m\angle C = 110^\circ$, $b = 35$ mi, $c = 38$ mi

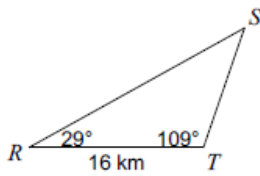
8) $b = 17$ in, $a = 11$ in, $c = 10$ in

9) $b = 14$ cm, $m\angle A = 107^\circ$, $c = 23$ cm

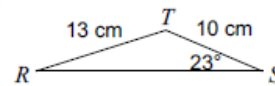
10) $m\angle A = 115^\circ$, $c = 19$ mi, $a = 28$ mi

Find the area of each triangle to the nearest tenth.

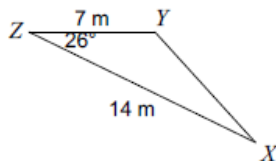
11)



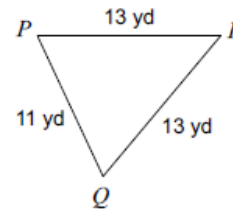
12)



13)



14)



Law of Sines ... Set 2

Answers

7) $m\angle C = 110^\circ$, $b = 35$ mi, $c = 38$ mi

$m\angle A = 10.1^\circ$, $m\angle B = 59.9^\circ$, $a = 7.1$ mi

8) $b = 17$ in, $a = 11$ in, $c = 10$ in

$m\angle C = 34^\circ$, $m\angle A = 38^\circ$, $m\angle B = 108^\circ$

9) $b = 14$ cm, $m\angle A = 107^\circ$, $c = 23$ cm

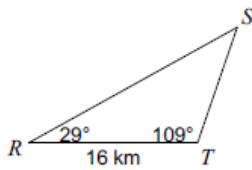
$m\angle B = 26.3^\circ$, $m\angle C = 46.7^\circ$, $a = 30.2$ cm

10) $m\angle A = 115^\circ$, $c = 19$ mi, $a = 28$ mi

$m\angle B = 27^\circ$, $m\angle C = 38^\circ$, $b = 14$ mi

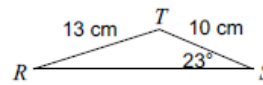
Find the area of each triangle to the nearest tenth.

11)



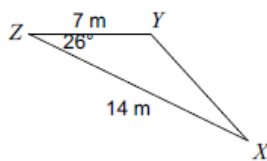
87.7 km^2

12)



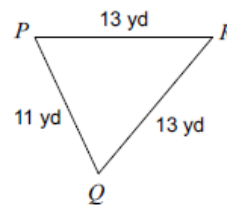
42.2 cm^2

13)



21.5 m^2

14)



64.8 yd^2