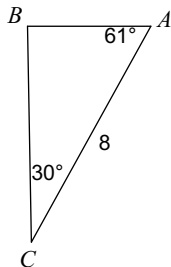


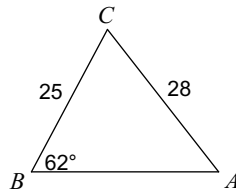
Law of Sines and Cosines Review Worksheet

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

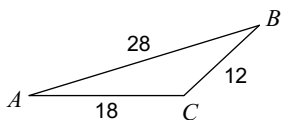
1) Find BC



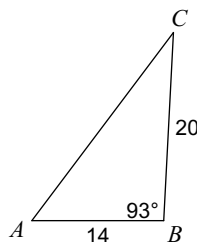
2) Find $m\angle A$



3) Find $m\angle C$

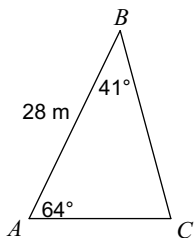


4) Find AC

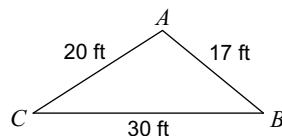


Solve each triangle. Round your answers to the nearest tenth.

5)



6)



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

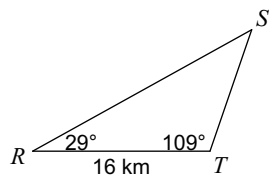
8) $b = 17$ in, $a = 11$ in, $c = 10$ in

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

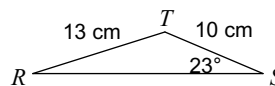
10) $m\angle A = 115^\circ$, $c = 19$ mi, $a = 28$ mi

Find the area of each triangle to the nearest tenth.

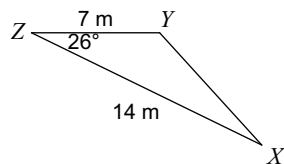
11)



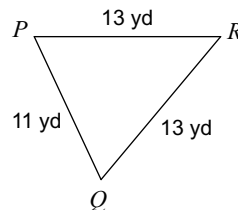
12)



13)



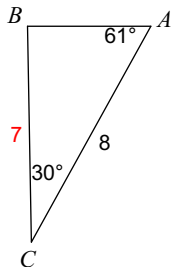
14)



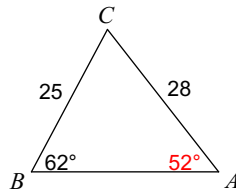
Law of Sines and Cosines Review Worksheet

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

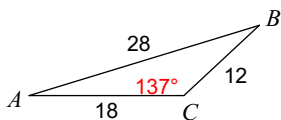
1) Find BC



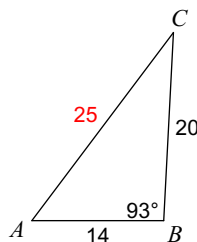
2) Find $m\angle A$



3) Find $m\angle C$

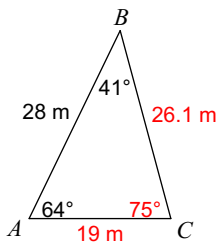


4) Find AC

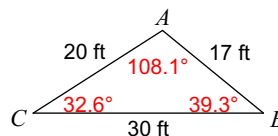


Solve each triangle. Round your answers to the nearest tenth.

5)



6)



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

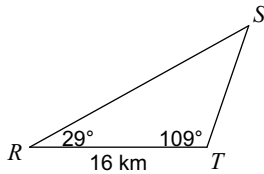
$m\angle B = 26.3^\circ$, $m\angle C = 46.7^\circ$, $a = 30.2$ cm

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

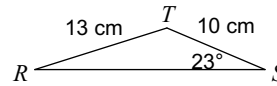
Find the area of each triangle to the nearest tenth.

11)



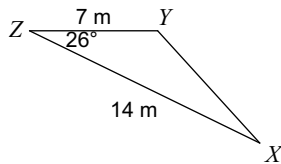
87.7 km^2

12)



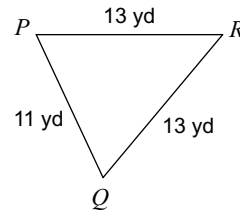
42.2 cm^2

13)



21.5 m^2

14)



64.8 yd^2