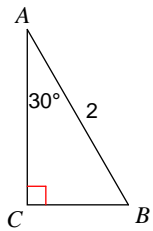


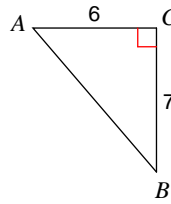
Worksheet #3 - Solving Right Triangles

Solve each triangle. Round answers to the nearest tenth.

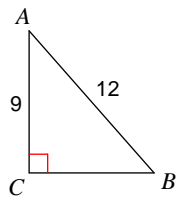
1)



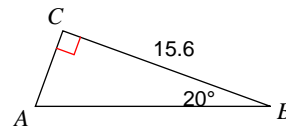
2)



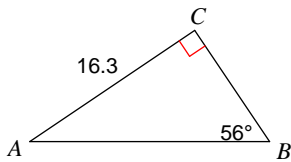
3)



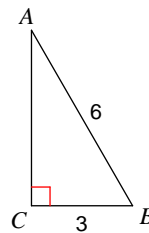
4)



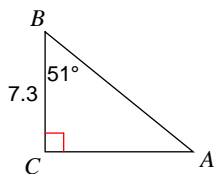
5)



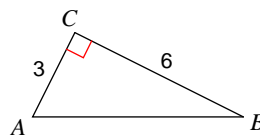
6)



7)



8)



Answers to Worksheet #3 - Solving Right Triangles

- 1) $m\angle B = 60^\circ$, $a = 1$, $b = 1.7$ 2) $m\angle B = 40.6^\circ$, $m\angle A = 49.4^\circ$, $c = 9.2$
3) $m\angle A = 41.4^\circ$, $m\angle B = 48.6^\circ$, $a = 7.9$ 4) $m\angle A = 70^\circ$, $b = 5.7$, $c = 16.6$
5) $m\angle A = 34^\circ$, $a = 11$, $c = 19.7$ 6) $m\angle B = 60^\circ$, $m\angle A = 30^\circ$, $b = 5.2$
7) $m\angle A = 39^\circ$, $b = 9$, $c = 11.6$ 8) $m\angle B = 26.6^\circ$, $m\angle A = 63.4^\circ$, $c = 6.7$