

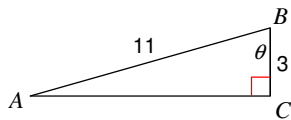
Solving Right Triangles WS #4

Date _____ Period _____

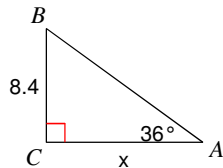
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Find the measure of each angle indicated. Round to the nearest tenth.

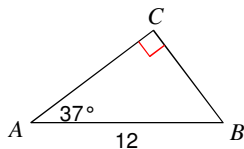
1)

**In each problem, angle C is a right angle. Find the angle indicated to the nearest tenth.**2) Find $m\angle B$ if $a = 4$, $b = 2$ **Find the measure of each side indicated. Round to the nearest tenth.**

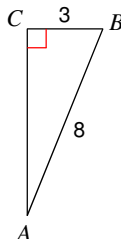
3)

**In each problem, angle C is a right angle. Find the side indicated to the nearest tenth.**4) Find a if $a = 26.3$, $m\angle B = 28^\circ$ **Solve each triangle. Round answers to the nearest tenth.**

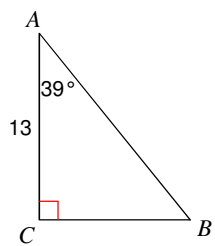
5)



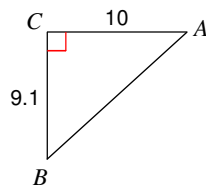
6)



7)



8)



In each problem, angle C is a right angle. Solve each triangle rounding answers to the nearest tenth.

9) $b = 8$, $m\angle B = 40^\circ$

10) $b = 2.2$, $m\angle A = 69.8^\circ$

Answers to Solving Right Triangles WS #4 (ID: 1)

- 1) 74.2° 2) 26.6° 3) 11.6 4) 26.3
5) $m\angle B = 53^\circ$, $a = 7.2$, $b = 9.6$ 6) $m\angle A = 22^\circ$, $m\angle B = 68^\circ$, $b = 7.4$
7) $m\angle B = 51^\circ$, $a = 10.5$, $c = 16.7$ 8) $m\angle B = 47.7^\circ$, $m\angle A = 42.3^\circ$, $c = 13.5$
9) $m\angle A = 50^\circ$, $a = 9.5$, $c = 12.4$ 10) $m\angle B = 20.2^\circ$, $a = 6$, $c = 6.4$