

Algebra II

12-5

Solving Right Triangles

Solve each right triangle. Give lengths to three significant digits and angle measures to the nearest tenth of a degree or 10 minutes. (pg 577)

1) $\angle A = 36.2^\circ$
 $c = 68$

Solve each right triangle. Give lengths to three significant digits and angle measures to the nearest tenth of a degree or 10 minutes.

7) $a = 230$
 $b = 320$

Solve. Give lengths to three significant digits and angle measures to the nearest tenth of a degree. (pg 578)

- 1) What is the angle of elevation of the sun when a tree 6.25 m tall casts a shadow 10.1 m long?

Assignment: pg. 577 2 - 18 even pg. 578 2 - 10 all
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