Solve Right Triangles

Which of the following is incorrect when rounded using the given information? Lengths are in inches and angle measures are in degrees.
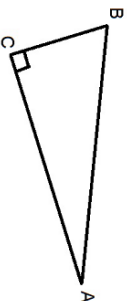
Given: BC = 55; AB = 99.2

a. measure of angle A = 33.7
b. AC = 85.1
c. measure of angle B = 56.3

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Which of the following is incorrect when rounded using the given information? Lengths are in feet and angle measures are in degrees.

Given: measure of angle A = 27.8; AB = 67.8

a. BC = 31.6
b. AC = 62.5
c. measure of angle B = 62.2

Which of the following is incorrect when rounded using the given information? Lengths are in feet and angle measures are in degrees.
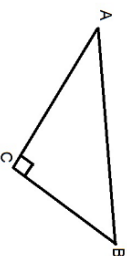
Given: AC = 94.1; measure of angle B = 54.5

a. AB = 115.6
b. measure of angle A = 35.5
c. BC = 64.8

Which of the following is incorrect when rounded using the given information? Lengths are in feet and angle measures are in degrees.
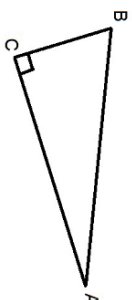
Given: BC = 61.9; measure of angle B = 58

a. AB = 114.4
b. AC = 99
c. measure of angle A = 32

Which of the following is incorrect when rounded using the given information? Lengths are in feet and angle measures are in degrees.
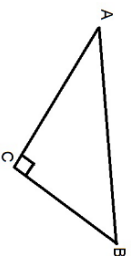
Given: BC = 60.8; AB = 152.4

a. measure of angle B = 66.5
b. measure of angle A = 25.3
c. AC = 139.8

Which of the following is incorrect when rounded using the given information? Lengths are in inches and angle measures are in degrees.

Given: AC = 69.6; AB = 87.8

a. measure of angle B = 52.5
b. BC = 53.5
c. measure of angle A = 35.6

Which of the following is incorrect when rounded using the given information? Lengths are in inches and angle measures are in degrees.
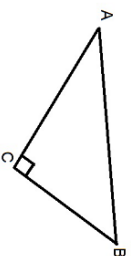
Given: measure of angle A = 42.2; AB = 66.2

a. AC = 49
b. measure of angle B = 46.5
c. BC = 44.5