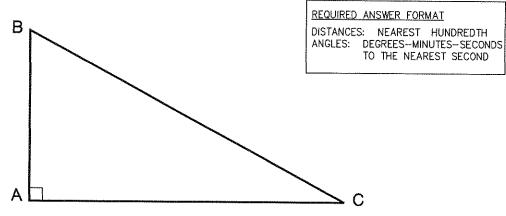
TRIGSTAR PACKET #1

TRIG-STAR PROBLEM 1-A LOCAL CONTEST

Calculator: degree made Evidence of work must be shown Sercredit

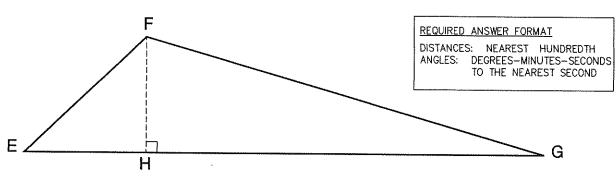


KNOWN: DISTANCE AB = 39.39 DISTANCE BC = 82.56

DISTANCE AC = _____ (5 POINTS) FIND:

 \angle CBA = _____ (5 POINTS)

TRIG-STAR PROBLEM 1-B LOCAL CONTEST



DISTANCE EF = 46.15 \angle GFE = $120^{\circ}20^{\circ}18^{\circ}$ \angle FEG = $43^{\circ}34^{\circ}24^{\circ}$ KNOWN:

DISTANCE EH = _____ (6 POINTS) FIND:

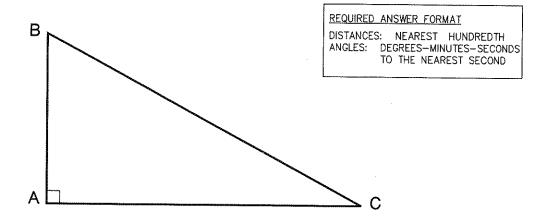
DISTANCE FH = _____ (6 POINTS)

DISTANCE FG = _____(6 POINTS)

DISTANCE GH = _____(6 POINTS)

 \angle EGF = _____ (6 POINTS) PAGE TOTAL: _____ POINTS

TRIG-STAR PROBLEM LOCAL CONTEST

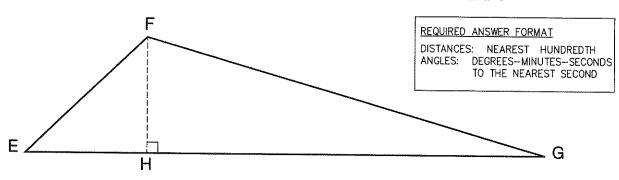


KNOWN: DISTANCE AB = 56.15 DISTANCE BC = 116.25

∠ CBA = _____ (5 POINTS) FIND:

DISTANCE AC = _____ (5 POINTS)

TRIG-STAR PROBLEM LOCAL CONTEST



KNOWN: DISTANCE FG = 133.95 \angle GFE = 119'29'56" \angle FGE = 16'14'55"

FIND:

DISTANCE FH = _____ (6 POINTS)

DISTANCE EF = _____ (6 POINTS)

DISTANCE GH = _____ (6 POINTS)

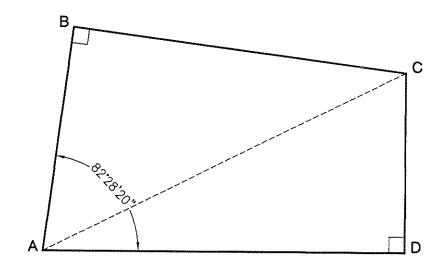
DISTANCE EH = _____ (6 POINTS) PAGE TOTAL: ____ POINTS

TRIG-STAR PROBLEM 2 LOCAL CONTEST

Hint: Dawin BD

REQUIRED ANSWER FORMAT

DISTANCES: NEAREST HUNDREDTH ANGLES: DEGREES-MINUTES-SECONDS TO THE NEAREST SECOND



KNOWN: DISTANCE BC = 128.82 DISTANCE CD = 68.86 \angle BAD = $82^{\circ}28^{\circ}20^{\circ}$

FIND: DISTANCE AB = _______ (10 POINTS)

DISTANCE AD = _______ (10 POINTS)

DISTANCE AC = _____ (10 POINTS)

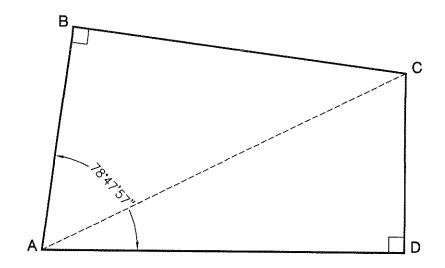
PAGE TOTAL: _____ POINTS

TRIG-STAR PROBLEM LOCAL CONTEST

Same hint!

REQUIRED ANSWER FORMAT

DISTANCES: NEAREST HUNDREDTH ANGLES: DEGREES—MINUTES—SECONDS TO THE NEAREST SECOND



KNOWN: DISTANCE BC = 95.73 DISTANCE CD = 50.15

 \angle BAD = 78'47'57"

FIND: DISTANCE AB = _____(10 POINTS)

DISTANCE AD = _____ (10 POINTS)

DISTANCE AC = _____ (10 POINTS)

PAGE TOTAL: _____ POINTS

TRIG-STAR ANSWER KEY LOCAL CONTEST

PAGE 1

$$\angle$$
 CBA = 61°07'04"

PAGE 1

PAGE 2

DISTANCE AC =
$$118.64$$

PAGE 3

ARC DISTANCE
$$E-F = 65.02$$

TRIG-STAR PROBLEM 1-A LOCAL CONTEST

PAGE 1, PROBLEM 1-A

DISTANCE AC =
$$72.56$$

$$\angle$$
 CBA = 61°30′12"

PAGE 1, PROBLEM 1-B

DISTANCE EH = 33.44

DISTANCE FH = 31.81

DISTANCE FG = 114.79

DISTANCE GH = 110.29

 \angle EGF = 16°05'18"

PAGE 2

DISTANCE AB = 86.48

DISTANCE AD = 139.04

DISTANCE AC = 155.16

PAGE 3

DISTANCE AB = 410.76

DISTANCE BC = 448.41

DISTANCE BD = 401.98