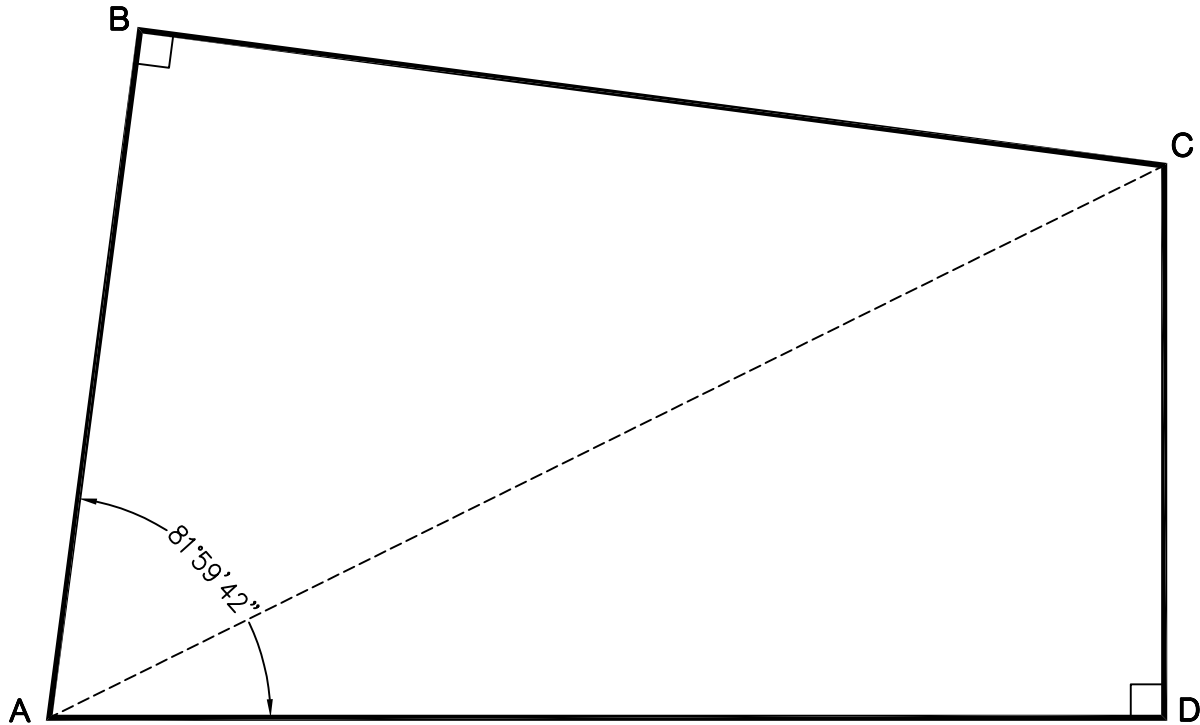


# TRIG-STAR PROBLEM LOCAL CONTEST



KNOWN: DISTANCE BC = 251.53    DISTANCE CD = 138.98  
 $\angle$  BAD = 81°59'42"

REQUIRED ANSWER FORMAT

DISTANCES: NEAREST HUNDREDTH

FIND: DISTANCE AB = \_\_\_\_\_ (10 POINTS)  
DISTANCE AD = \_\_\_\_\_ (10 POINTS)  
DISTANCE AC = \_\_\_\_\_ (10 POINTS)

PAGE TOTAL: \_\_\_\_\_ POINTS