

TRIG-STAR ANSWER KEY LOCAL CONTEST

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$$\sphericalangle CBA = 60^{\circ}21'21''$$

$$\text{DISTANCE AC} = 326.57$$

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$$\text{DISTANCE EH} = 134.11$$

$$\text{DISTANCE FH} = 120.18$$

$$\text{DISTANCE FG} = 440.02$$

$$\text{DISTANCE GH} = 423.29$$

$$\sphericalangle EGF = 15^{\circ}51'01''$$

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$$\text{DISTANCE AB} = 175.72$$

$$\text{DISTANCE AD} = 273.55$$

$$\text{DISTANCE AC} = 306.83$$

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$$\text{DISTANCE AB} = 282.44$$

$$\text{DISTANCE BC} = 631.63$$

$$\text{DISTANCE CD} = 873.81$$

$$\text{ARC DISTANCE CE} = 705.96$$