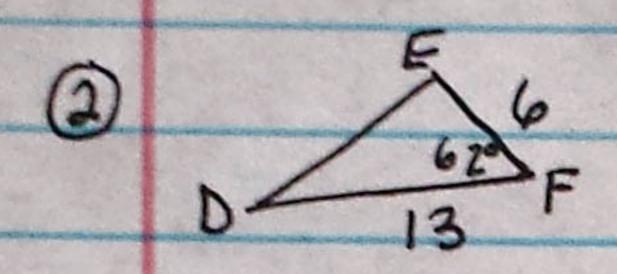
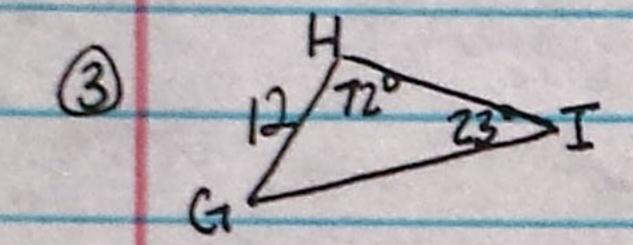
CHAPTER 8 TEST REVIEW (HW)

REASON: SSS LAW of COSINES



REASON: SAS LAW of COSINES



REASON: AAS (or SAA) LAW of SINES

$$\begin{array}{ll}
\Phi & \sqrt{12.5} \\
= \sqrt{60} \\
= 2\sqrt{15}
\end{array}$$

⑤ SIN 50° ≈ 0.77.

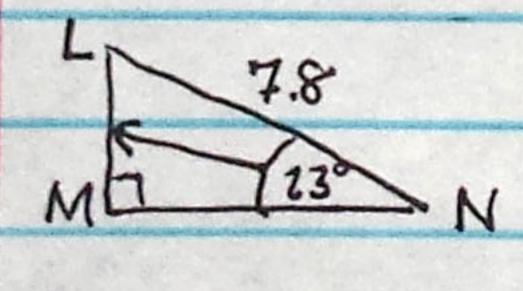
6 TAN 34° 20.67

(7) cos⁻¹(0.36) ≈ 68.9

$$SINC = \frac{7.5}{19.5}$$

$$C = SIN^{-1} \left(\frac{7.5}{19.5} \right)$$

C ≈ 22.62° C ≈ 23°

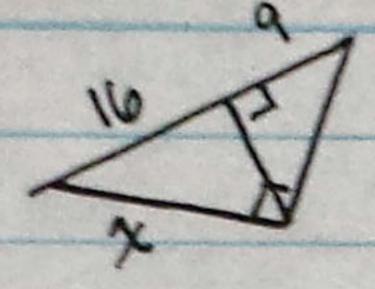


SIN 23 = LM 7.8

$$0.39 = \frac{LM}{7.8}$$

LM 23.05

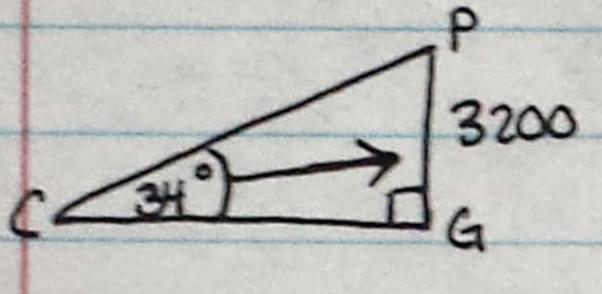
$$h^2 = 5.20$$
 $h^2 = 100$
 $h = 10$



$$\chi^2 = 16 \cdot 25$$

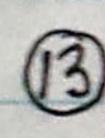
 $\chi^2 = 400$

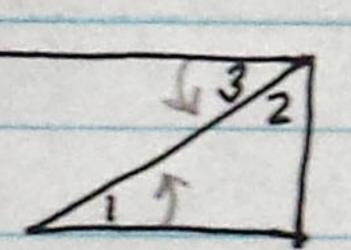
$$\chi^2 = 400$$



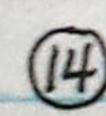
$$0.67 = \frac{3200}{CG}$$

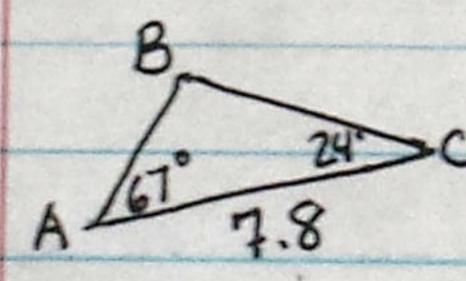
CG 24744.2 FEET CG 24744 FEET





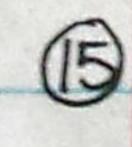
ANGLE of ELEVATION: LI ANGLE of DEPRESSION: L3

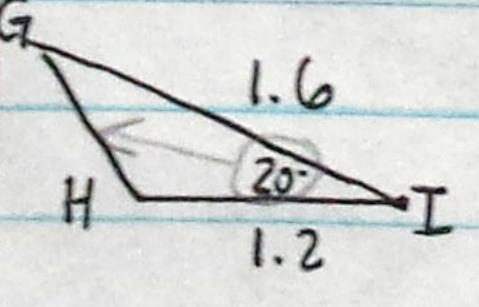




ASA -> LAW of SINES

BC 27.18





SAS -> LAW of COSINES GH2 = 1.22+1.62-2(1.2)(1.6)cos 20 GH & 0.63