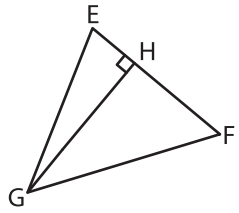
Name : _____

Area of a Triangle

Sheet 5

Round your answer to two decimal places.

1) In triangle EFG, $\overline{EH}$ = 17 inches and the length of $\overline{GH}$ is three times the length of $\overline{EH}$. If the length of $\overline{FH}$ is two times the length of $\overline{EH}$, find the area of the triangle EFG.



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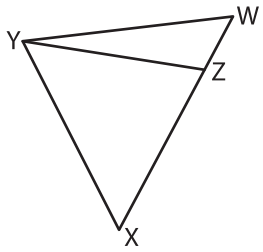
2) The area of the triangle XYZ is 276 square yards. If $\overline{XZ}$ = 24 yards and the length of $\overline{ZW}$ is one-third of the length of $\overline{XZ}$,



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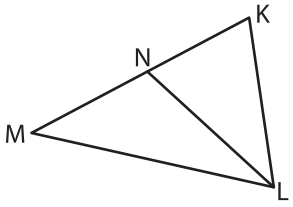
3) The area of the trian 9 feet and 21 feet respectively, deterr



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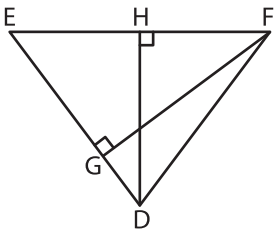
4) In an isosceles trian 8 yards and $\overline{DE}$ = 10 yards, what is the length



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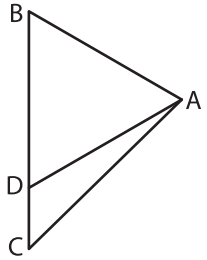
5) ABD is an equilateral triangle. If the area of the triangle ADC is 59.5 square feet and $\overline{BD}$ measures 20 feet, find the area of the triangle ABC.



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