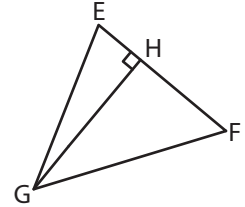


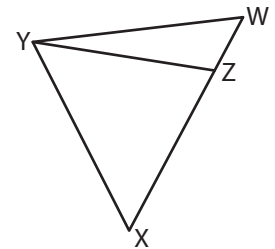
Area of a Triangle

Round your answer to two decimal places.

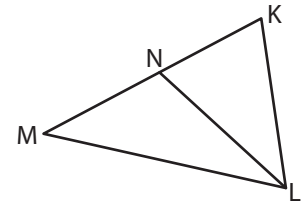
- 1) In triangle EFG, $\overline{EH} = 17$ inches and the length of \overline{GH} is three times the length of \overline{EH} . If the length of \overline{FH} is two times the length of \overline{EH} , find the area of the triangle EFG.



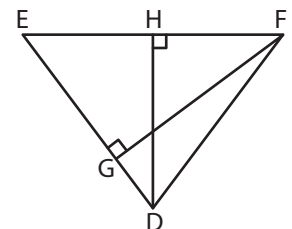
- 2) The area of the triangle XYZ is 276 square yards. If $\overline{XZ} = 24$ yards and the length of \overline{ZW} is one-third of the length of \overline{XZ} ,



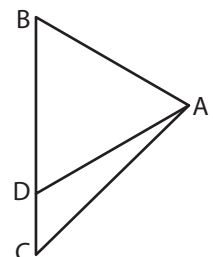
- 3) The area of the triangle MNL is 108 square feet and the length of \overline{MN} is 9 feet and 21 feet respectively, determine the length of \overline{NL} .



- 4) In an isosceles triangle DEF, $\overline{DE} = 8$ yards and $\overline{DE} = 10$ yards, find the area of the triangle DEF.



- 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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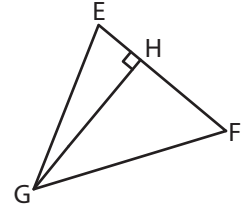
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Area of a Triangle

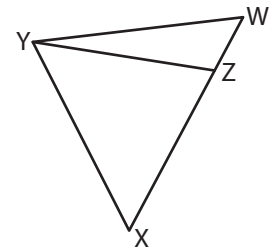
Round your answer to two decimal places.

- 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.



1,300.5 square inches

- 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} ,



368 sq

- 3) The area of the triangle MNL is 108 square feet and the length of \overline{MN} is 9 feet and 21 feet respectively, determine the length of \overline{NL} .

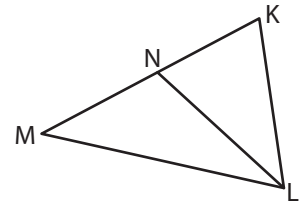
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304 sq

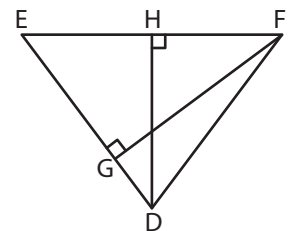
9 feet and 21 feet



- 4) In an isosceles triangle DEF, $\overline{DE} = 8$ yards and $\overline{DE} = 10$ yards, find the length of \overline{DF} .

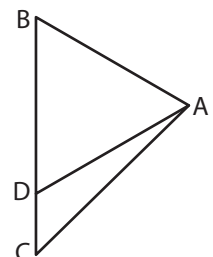
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8 yards and $\overline{DE} = 10$ yards,



9.6 yards

- 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.



232.71 square feet