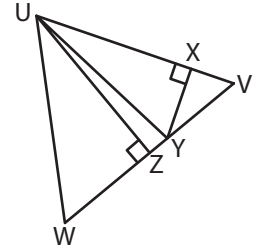


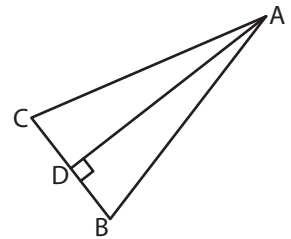
Area of a Triangle

Round your answer to two decimal places.

- 1) The area of the triangle UVW is 714 square yards. \overline{UZ} and \overline{UV} measure 34 yards and 40 yards respectively. If $XY : WV = 1 : 3$, what is the area of the triangle UYW?



- 2) ABC is an isosceles triangle with an area of 189 square inches. If \overline{AD} measures 27 inches, determine the length of \overline{CD} .



- 3) EFG is an equilateral triangle with a side length of 12.5 yards, find the area.

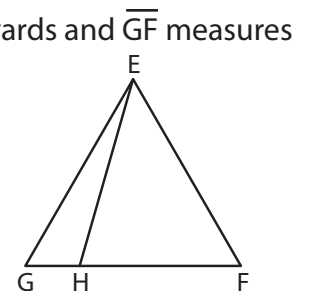
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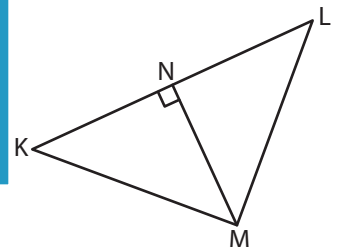
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- _____
- 4) In triangle KLM, \overline{MN} is the altitude. Find the area of the triangle KLM.

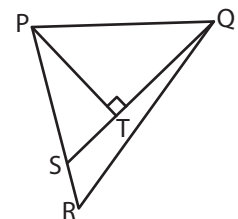


- 5) What is the area of the triangle PQR, if \overline{QS} is 10 feet, \overline{PT} is 7 feet and the area of the triangle QRS is 15 square feet?

- _____
- 5) In triangle KLM, \overline{MN} is the altitude. Find the area of the triangle KLM.



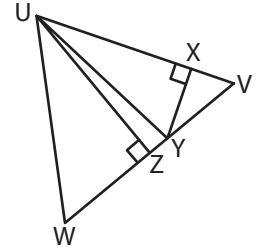
- 5) What is the area of the triangle PQR, if \overline{QS} is 10 feet, \overline{PT} is 7 feet and the area of the triangle QRS is 15 square feet?



Area of a Triangle

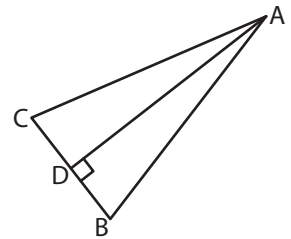
Round your answer to two decimal places.

- 1) The area of the triangle UVW is 714 square yards. \overline{UZ} and \overline{UV} measure 34 yards and 40 yards respectively. If $XY : WV = 1 : 3$, what is the area of the triangle UYW?



434 square yards

- 2) ABC is an isosceles triangle with an area of 189 square inches. If \overline{AD} measures 27 inches, determine the length of \overline{CD} .



7 i

- 3) EFG is an equilateral triangle with a side length of 12.5 yards, find the area.

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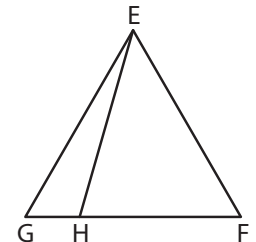
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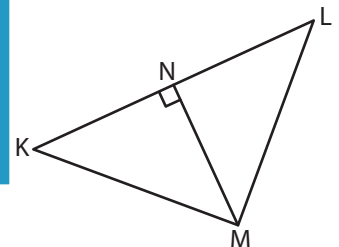
16.66 sq

- 4) In triangle KLM, \overline{MN} is perpendicular to \overline{KL} . Find the area of the triangle KLM.

yards and \overline{GF} measures

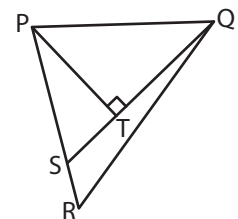


es the base \overline{KL} . Find the



144 square inches

- 5) What is the area of the triangle PQR, if \overline{QS} is 10 feet, \overline{PT} is 7 feet and the area of the triangle QRS is 15 square feet?



50 square feet