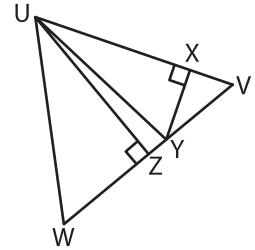## Area of a Triangle
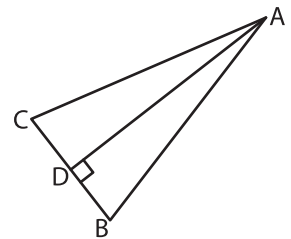
Round your answer to two decimal places.

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?

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

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3) EFG is an equilatera~~...~~e yards and $\overline{GF}$ measures 12.5 yards, find the

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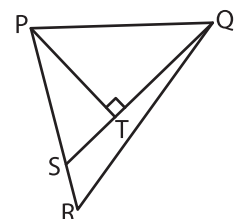4) In triangle KLM, $\overline{MN}$~~...~~es the base $\overline{KL}$. Find the area of the triangle

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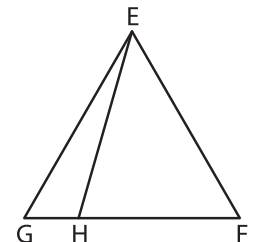
5) What is the area of the triangle PQR, if $\overline{QS}$ is 10 feet, $\overline{PT}$ is 7 feet and the area of the triangle QRS is 15 square feet?

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