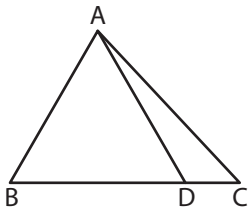
Name : _____

Area of a Triangle

Sheet 2

Round your answer to two decimal places.

1) ABD is an equilateral triangle. If the triangle ABC has an area of 600 square yards and $\overline{BD}$ measures 34 yards, find the area of the triangle ADC.



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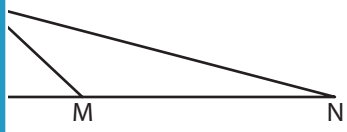
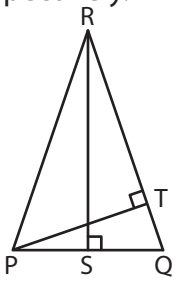
2) The area of the triangle KLN is 950 square inches. Determine the area of the triangle KMN, if $\overline{LM}$ and $\overline{MN}$ measure 4



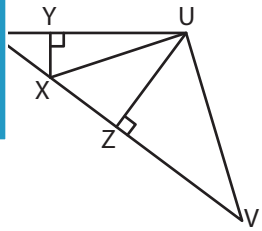
_____

3) In triangle PQR, the ...espectively. Find the length of $\overline{PT}$, if $\overline{RS}$ m



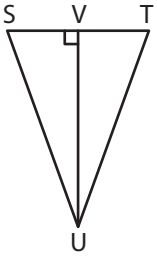
_____

4) The area of the tria... $\overline{VU}$ are 8 yards and 9 yards respectively. If the l... the area of the triangle UXV?



_____

5) In an isosceles triangle STU, the length of $\overline{ST}$ is 6 feet. If the length of $\overline{VU}$ is three times the length of $\overline{SV}$, determine the area of the triangle STU.



_____

Name : _____

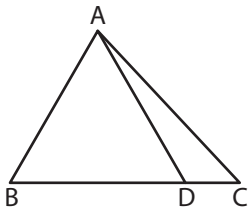
Answer key

Area of a Triangle

Sheet 2

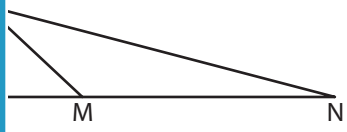
Round your answer to two decimal places.

1) ABD is an equilateral triangle. If the triangle ABC has an area of 600 square yards and $\overline{BD}$ measures 34 yards, find the area of the triangle ADC.



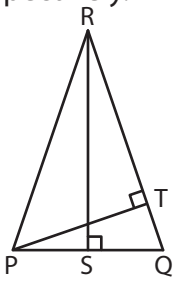
99.44 square yards

2) The area of the triangle KLN is 950 square inches. Determine the area of the triangle KMN, if $\overline{LM}$ and $\overline{MN}$ measure 4



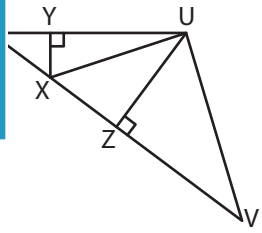
550 squ

3) In triangle PQR, the ... respectively. Find the length of $\overline{PT}$, if $\overline{RS}$ m



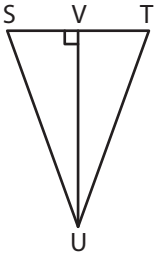
24.7

4) The area of the tria... $\overline{VU}$ are 8 yards and 9 yards respectively. If the l... the area of the triangle UXV?



58.5 square yards

5) In an isosceles triangle STU, the length of $\overline{ST}$ is 6 feet. If the length of $\overline{VU}$ is three times the length of $\overline{SV}$, determine the area of the triangle STU.



27 square feet