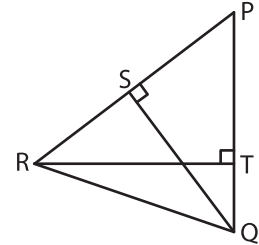


## Area of a Triangle

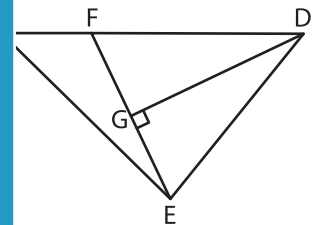
Round your answer to two decimal places.

- 1) The lengths of  $\overline{RT}$ ,  $\overline{PR}$  and  $\overline{PQ}$  are 20 inches, 25 inches and 22 inches respectively. Determine the length of  $\overline{SQ}$ .



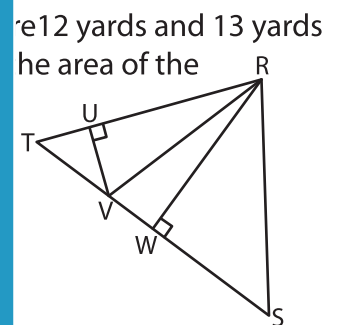
\_\_\_\_\_

- 2) The area of the triangle CDE is 460 square feet. If  $\overline{FE}$  and  $\overline{DG}$  measure 25 feet and 24 feet respectively, find the area of the triangle FGE.



\_\_\_\_\_

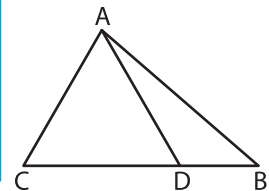
- 3) Triangle RST has a right angle at T. The length of  $\overline{RT}$  is 12 yards and the length of  $\overline{RS}$  is 13 yards. Determine the area of the triangle RVS.



\_\_\_\_\_

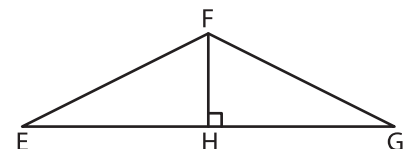
- 4) Triangle ABC is an equilateral triangle with side length 10 units. A line segment AD is drawn from vertex A to point D on BC such that AD is perpendicular to BC. Determine the area of the triangle ADB.

The area of triangle ADB is 50 square feet,



\_\_\_\_\_

- 5) Triangle EFG is an isosceles triangle with  $\overline{FE} = \overline{FG}$ . The length of the base  $\overline{EG}$  is 14 inches and the length of the altitude  $\overline{FH}$  is 7 inches. Find the area of the triangle EFG.



\_\_\_\_\_

# PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)