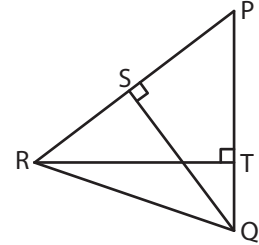


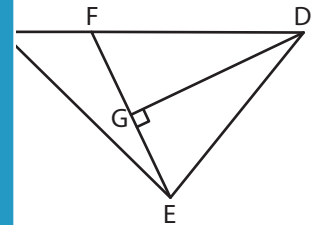
Area of a Triangle

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.



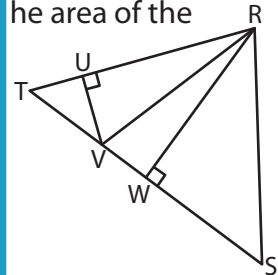
- 3) Triangle RST has a right angle at T. The length of \overline{RT} is 12 yards and the length of \overline{ST} is 13 yards. Determine the area of the triangle RVS.

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

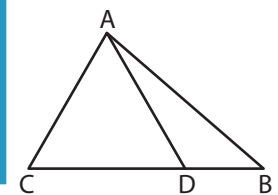
Members, please log in to download this worksheet.

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

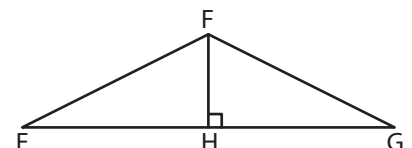
www.mathworksheets4kids.com



- 4) Triangle ACD is an equilateral triangle with side length 10 feet. A line segment AB is drawn from vertex A to side CD at point B, perpendicular to CD. Determine the area of the triangle ADB.



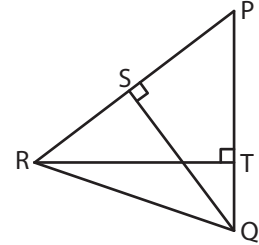
- 5) Triangle EFG is an isosceles triangle with $\overline{FE} = \overline{FG}$. The length of \overline{FH} is 7 inches and the length of \overline{EH} is twice the length of \overline{FH} . Find the area of the triangle EFG.



Area of a Triangle

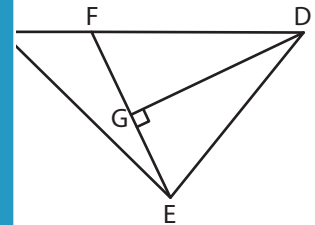
Round your answer to two decimal places.

- 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} .



17.6 inches

- 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.



160 square feet

- 3) Triangle RST has a base of 12 yards and a height of 13 yards. Determine the area of the triangle RVS.

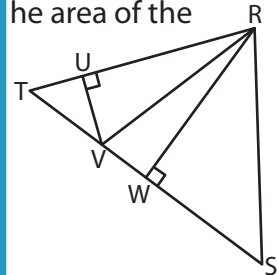
Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

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

www.mathworksheets4kids.com

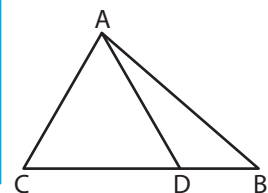
- 4) Triangle RST has a base of 12 yards and a height of 13 yards. Determine the area of the triangle RVS.



57.5 square yards

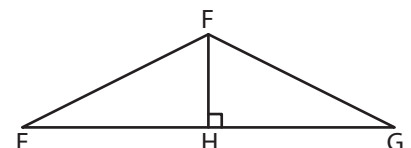
- 4) Triangle ACD is an equilateral triangle with a side length of 10 feet. Determine the area of the triangle ADB.

- 5) Triangle ADB is 50 square feet, determine the area of the triangle ACD.



147.43 square feet

- 5) Triangle EFG is an isosceles triangle with $\overline{FE} = \overline{FG}$. \overline{FH} measures 7 inches and the length of \overline{EH} is twice the length of \overline{FH} . Find the area of the triangle EFG.



98 square inches