



Word Problems

Find the area of a triangle having base = 10.5 m ; height = 8 mm

Find the height of a triangle if the area is 1500 mm^2 and base = 7.5cm

Find the base of a triangle if the area is 108 cm^2 and height is 120mm

Find the area of an isosceles right angled triangle of equal sides 15 cm each.



Find the height of a triangle whose base is 50 cm and whose area is 500 cm^2 .

Find the base of a triangle whose altitude is 20 cm and area is 0.8 m^2 . ($1\text{m}=100\text{cm}$).
Express base in cm.

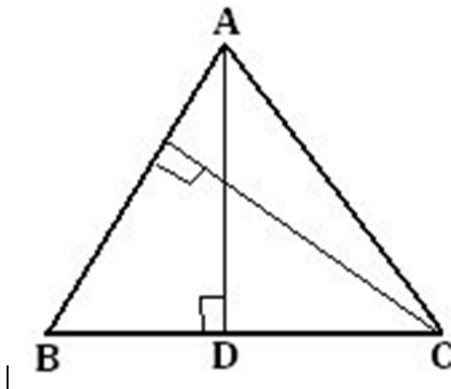
The base and height of a triangle are in the ratio 8 : 5 and its area is 320 m^2 . Find the height and base of the triangle.

The area of a right triangle is 184 cm^2 and one of its legs is 16 cm long. Find the length of the other leg.



The area of the triangle is equal to that of a square whose each side measures 30 cm. Find the side of the triangle whose corresponding altitude is 36 cm.

$\triangle ABC$ is isosceles with $AB = AC = 6$ cm, $BC = 8$ cm. The height AD from A to BC is 7 cm. Find the area of $\triangle ABC$. What will be the height from C on AB ?



The sides of a triangle are in the ratio 14 : 18 : 26, and its perimeter is 580 cm. Find the measurement of the sides.



Patrick's bike ride follows a triangular path; two legs are equal, the third is 8 miles longer than each of the other legs. If Patrick rides 30 miles total, what is the length of the longest leg?

The perimeter of a triangle is 56 cm. The first side is 6 cm shorter than the second side, the third side is 2 cm shorter than twice the length of the first side. What is the length of each side?