

Find the circumference of a semicircle with a radius of 9 units.

What is the formula for the volume of a sphere?

If a right-angled triangle has a hypotenuse of 13 cm and one leg of length 5 cm, what is the length of the other leg?

Determine the surface area of a rectangular prism with dimensions 4 cm, 6 cm, and 10 cm.

Calculate the volume of a cone with a radius of 8 cm and a height of 15 cm.

If the angles in a triangle are  $30^\circ$ ,  $45^\circ$ , and  $105^\circ$ , is it an acute-angled triangle?

Find the area of a trapezoid with bases of lengths 9 m and 11 m, and a height of 8 m.