

Calculate the area of a sector in a circle with a radius of 12 cm and a central angle of 90 degrees.

If the radius of a circle is halved, how does the circumference change?

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

Find the perimeter of an isosceles triangle with equal sides of length 6 cm each.

What is the area of a rhombus with side length 10 cm and acute angle of 60 degrees?

Calculate the surface area of a pyramid with a square base of side length 7 cm and a height of 9 cm.

If the base angle of an isosceles triangle is 30 degrees, what are the other two angles?

Determine the volume of a cylinder with a diameter of 10 cm and a height of 8 cm.

Find the area of a regular pentagon with a radius of 6 units.

What is the formula for the volume of a rectangular pyramid?