

Explain the concept of a cross section in three dimensions.

Define the centroid of a trapezoid.

What is the formula for the volume of a cylinder?

Explain the concept of an equiangular triangle.

Define the inradius of a regular polygon.

What is the surface area of a cube?

Explain the concept of a polar coordinate.

Define the centroid of a hexagon.

What is the formula for the area of a circular sector?

What is the perimeter of a square with side length 5 units?

Calculate the area of a rectangle with length 8 units and width 3 units.

Find the circumference of a circle with radius 6 cm.

Determine the volume of a cube with an edge length of 4 units.