

If a rectangle has a length-to-width ratio of 3:2 and a width of 4 units, what is the length?

What is the surface area of a cube with an edge length of 2 units?

Find the volume of a cylinder with a radius of 7 cm and height of 15 cm.

Calculate the area of a sector of a circle with radius 5 units and central angle measuring  $45^\circ$ .

If the diagonals of a quadrilateral are perpendicular bisectors of each other, what type of quadrilateral is it?

Determine the perimeter of a kite with side lengths of 8 units and 10 units.

What is the measure of an angle formed by the hands of a clock at 3:45?