

Prism And Cylinder

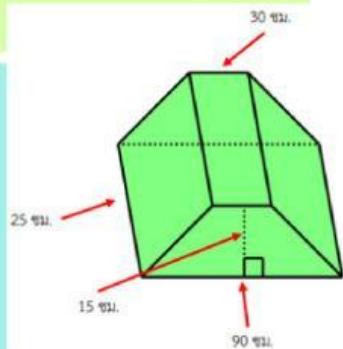
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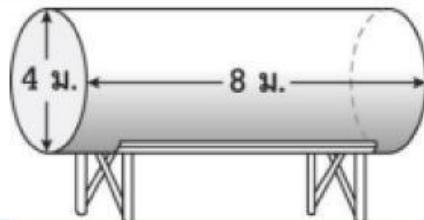
Open ended : given to show students what to do to solve a problem.

(1) A trapezoidal prism has a height of 25 cm. The length of the parallel bases of the trapezoidal prism is 25 cm. are 30 centimeters and 90 centimeters respectively. The height of a trapezoidal prism is 15 centimeters. What is the volume of a trapezoidal prism?

Solution



(2)



From the figure,
find the volume and
surface area of the gas tank.

Solution