

Challenge Problems

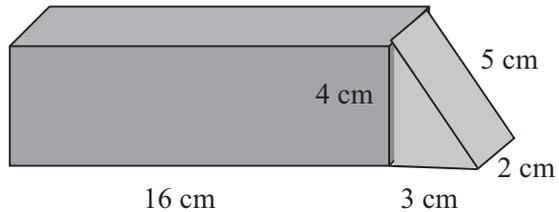
13.4

NAME _____

Module 13 Perimeter, Area, and Volume
Lesson 4 Surface Area: Prisms, Cylinders, and Spheres

Set 1

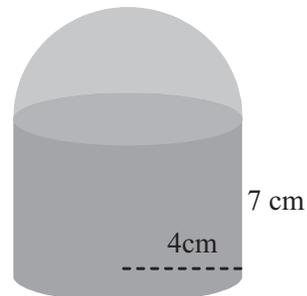
- 1 Find the surface area of the shape.



- 2 Explain how the formula for the surface area of a prism can be written as $S = 2B + ph$, where B is the area of one base of the prism, p is the perimeter of one base, and h is the height of the prism.

Set 2

- 1 Find the surface area of the shape.
Assume that the curved solid is a half-sphere.



Additional Work Area