Name: _____
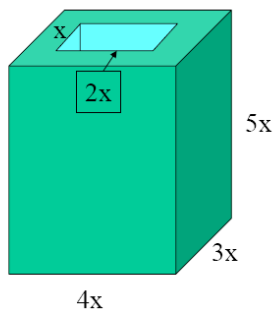
Prism and Cylinder

1) Find the volume and the total surface area.
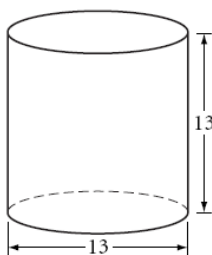

2) The length of a rectangular solid is twice the width, and the height is three times the width. If the volume is 162, find the total area.

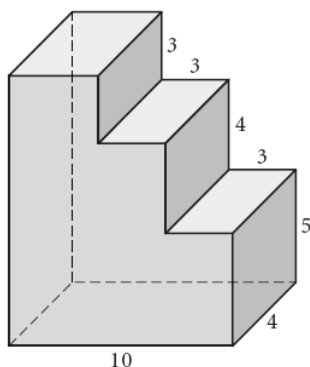3) Find the surface area of each solid. All quadrilaterals are rectangles, and all measurements are in centimeters.
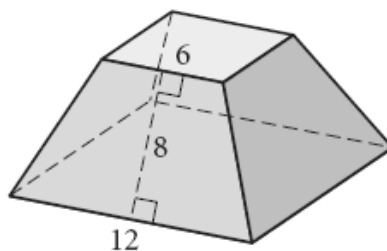
   1)

   2)

   3)

4) Find the surface area of the solid whose two bases are squares.

5) Find the surface area of the solid having square hole in a round peg