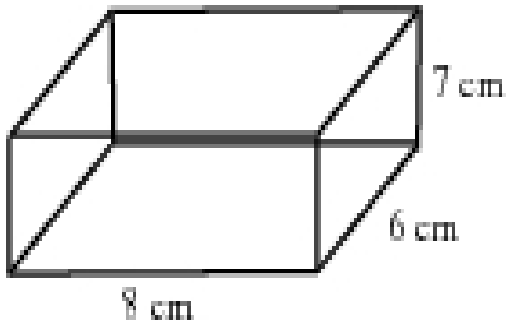
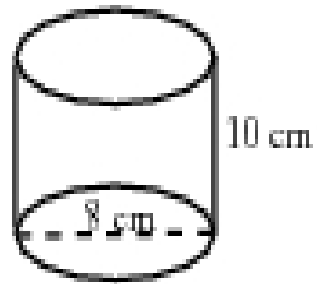


1.

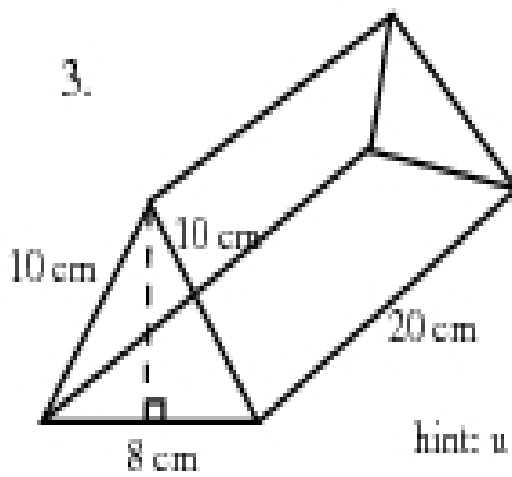


2.



hint: diameter =  $2 \times$  radius

3.



hint: use Pythagoras to find height of triangular face.