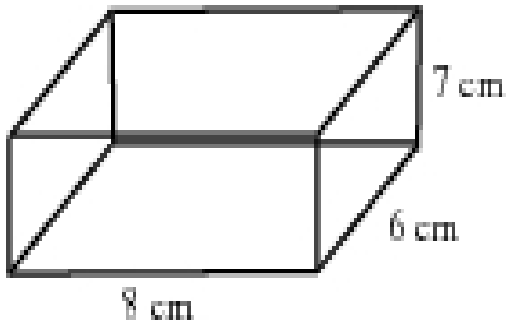
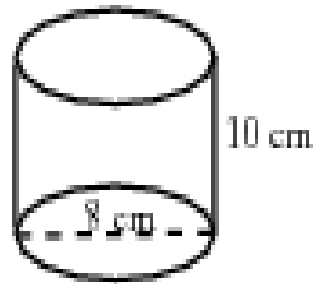


1.

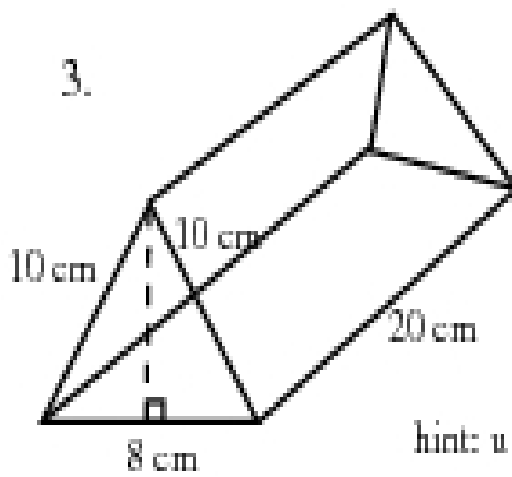


2.



hint: diameter = $2 \times$ radius

3.



hint: use Pythagoras to find height of triangular face.