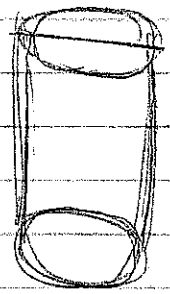
3.1

Volume of a Cylinder

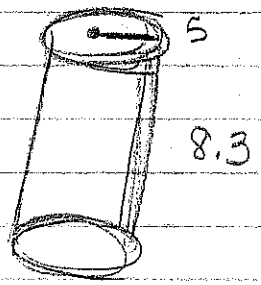
$V = \pi r^2 h$



$\pi = 3.14$
r = radius
h = height

$V = (3.14)4^2(10)$

$V = 3.14 \cdot 16 \cdot 10$ $\quad V = 502.4$



$V = 3.14 \cdot (5)^2 \cdot 8.3$
$= 3.14 \cdot 25 \cdot 8.3$

$V = 651.55$

$V = 3.14 \cdot (5.5)^2 \cdot 9$
$3.14 \cdot 30.25 \cdot 9$

$r = 5.5$ cm
$h = 9$ cm

$V = 854.865$