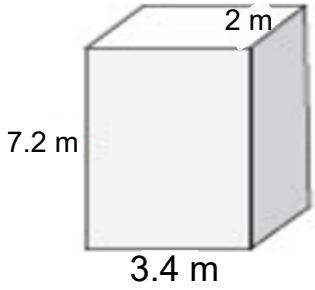
1) Find the surface area and the volume.



Bott/top

$A = L \times w$
$= 3.4 \times 2$
$= 6.8\ m^2$
$\times 2$
13.6

L/R

$A = L \times w$
$= 7.2 \times 2$
$= 14.4$
$\times 2$
28.8

Fr/Bk

$A = L \times 4$
$= 3.4 \times 7.2$
24.48
$\times 2$
48.96

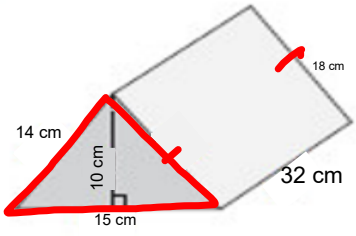
Total SA = $13.6 + 28.8 + 48.96$

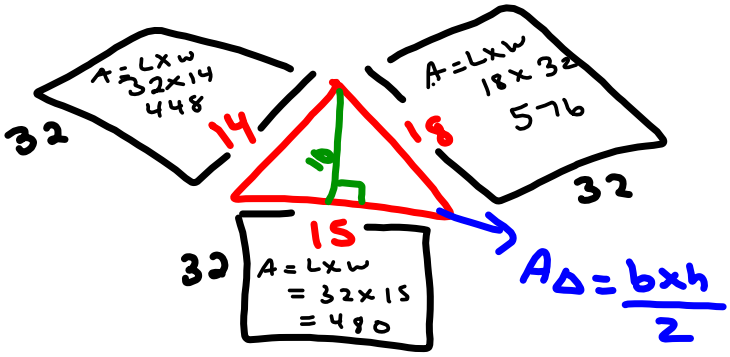
$91.36\ cm^2$

$V = A_{base} \times H$
$L \times w \times H$
$= 3.4 \times 7.2 \times 2$
$= 48.96\ cm^3$

Find the surface area and the volume.

2)





$\frac{10 \times 15}{2}$

$\frac{150}{2}$

$= 75cm^2$

$SA = 2\Delta + \square + \square + \square$

$2(75) + 448 + 576 + 480$

$150 + 448 + 576 + 480$

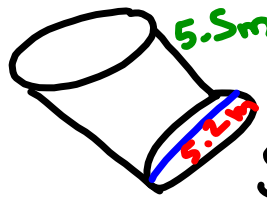
$1654\ cm^2$

$V = A_{base\Delta} \times H$

$75\ cm^2 \times 32cm$

$2400\ cm^3$

Cylinder

1) 

$d = 5.2m$

$r = 2.6m$

$H = 5.5$

$SA = 2\pi r^2 + 2\pi r H$

$(2.6)^2$

$2 \times 3.14 \quad 6.76 \quad + \quad 2 \times 3.14 \times 2.6m \times 5.5m$

$42.4528 + 89.804$

$132.2568\ m^2$

2) 

$SA = 2\pi r^2 + 2\pi r H$

$2 \times 3.14 (3.7)^2 + 2 \times 3.14 \times (3.7) \times (7.1)$

$2 \times 3.14 \times 13.69 + 2 \times 3.14 (3.7) \times (7.1)$

$85.9732 + 164.9756$

$250.9488\ cm^2$