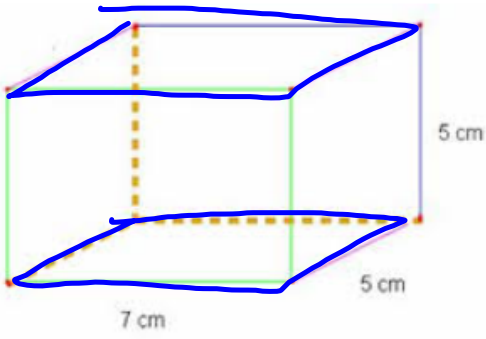
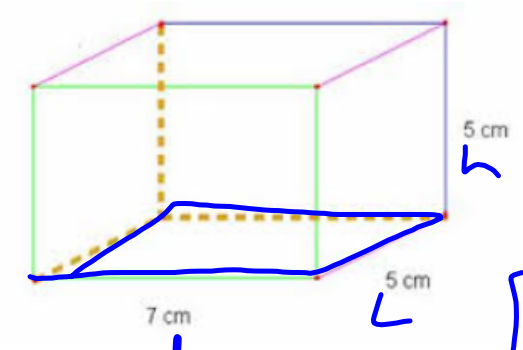
Module 4

Une prisme droit un pyramide

Les développements



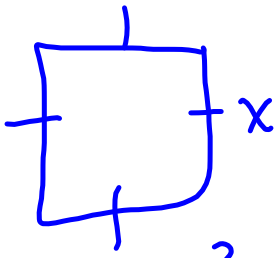


Pour déterminer le volume de ce prisme à base rectangulaire c'est l'aire de la base multiplier par la hauteur.

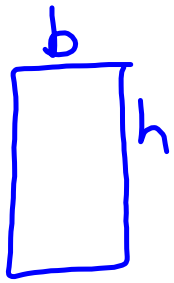
$$V_{\square} = l \times L \times h$$

$A_{\square} = L \times l$
$= 5 \times 7$
$= 35$

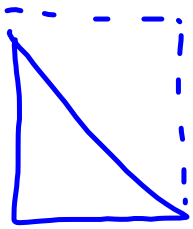
$V_{\square} = 7\text{cm} \times 5\text{cm} \times 5\text{cm}$
$V_{\square} = 175$



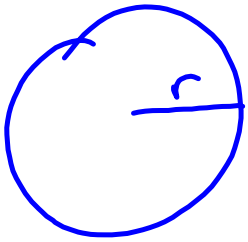
$A = x^2$



$A_{\square} = bh$



$A_{\Delta} = \frac{bh}{2}$

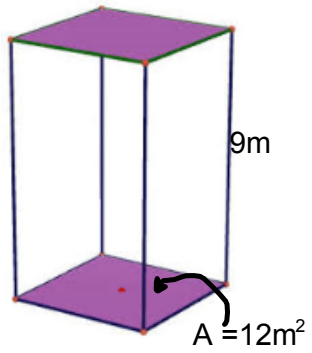


$A_{\square} = l \times L$

$A_{\Delta} = \frac{1}{2} bh$

$A_{\circ} = \pi r r$

$= \pi r^2$



Trouve le volume

$V_{\square}$ = L'aire de la base x hauteur

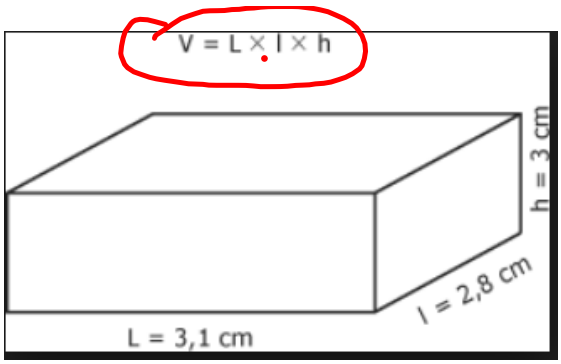
$= 12\,m^2 \times 9m$

$= 108\,m^3$

Pour volume les unités sont toujours cubic «3» → troisième puissance.

100cm = 1m

1km = 1000m



$V = L \times l \times h$

$= 3,1\,cm \times 2,8\,cm \times 3\,cm$

$= 26,04\,cm^3$

$3,1 \times 2,8$

31×28

$248 + 620$

868

868×3

2604

p. 196 Chenelière 8

Devoirs

P. 198

Q 4, 5, 6 et 7

↳ Sans calculatrice