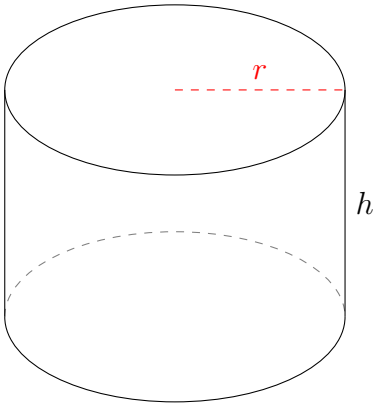
Aire et Volume des Cylindres (H)

Calculez l'aire et le volume pour chaque cylindre.

Aire $= (\pi r^2 \times 2) + (\pi d \times h)$ Volume $= \pi r^2 \times h$ $d = 2r$

1.

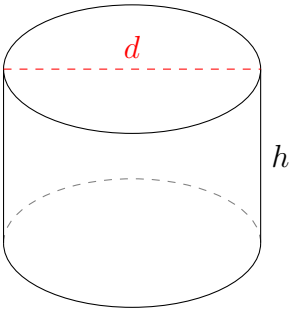


$r = 11{,}25$ hm $h = 15$ hm

Aire =

Volume =

2.

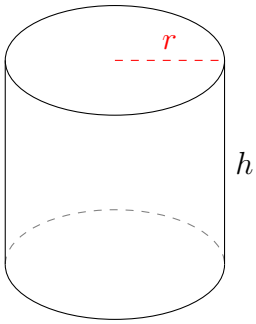


$d = 13{,}6$ km $h = 9{,}2$ km

Aire =

Volume =

3.

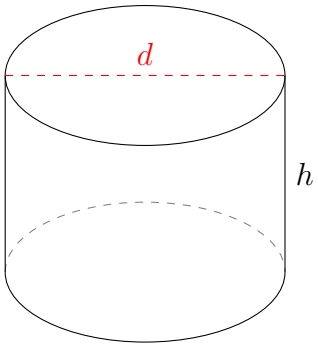


$r = 5{,}8$ dam $h = 10{,}8$ dam

Aire =

Volume =

4.



$d = 7{,}4$ mm $h = 5{,}2$ mm

Aire =

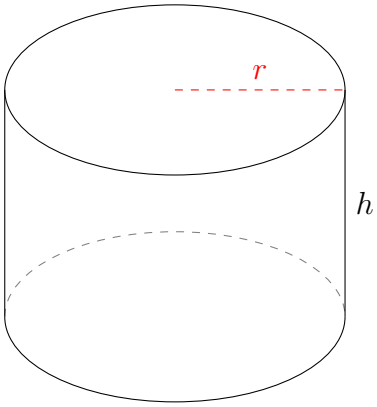
Volume =

Aire et Volume des Cylindres (H) Réponses

Calculez l'aire et le volume pour chaque cylindre.

Aire $= (\pi r^2 \times 2) + (\pi d \times h)$ Volume $= \pi r^2 \times h$ $d = 2r$

1.

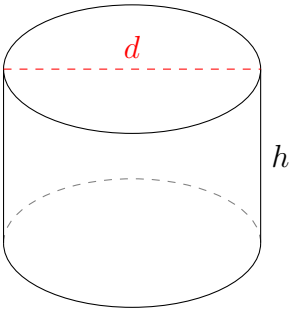


$r = 11{,}25$ hm $h = 15$ hm

Aire $= 1855{,}5$ hm^2

Volume $= 5964{,}12$ hm^3

2.

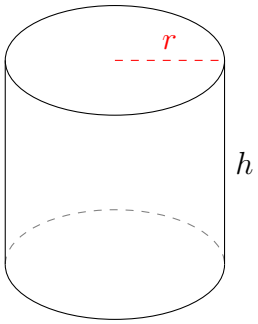


$d = 13{,}6$ km $h = 9{,}2$ km

Aire $= 683{,}61$ km^2

Volume $= 1336{,}46$ km^3

3.

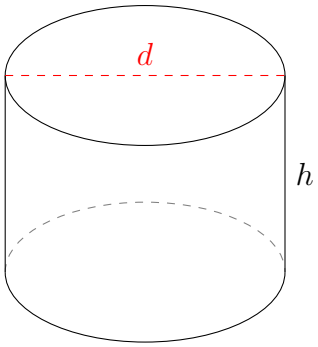


$r = 5{,}8$ dam $h = 10{,}8$ dam

Aire $= 604{,}95$ dam^2

Volume $= 1141{,}38$ dam^3

4.



$d = 7{,}4$ mm $h = 5{,}2$ mm

Aire $= 206{,}91$ mm^2

Volume $= 223{,}64$ mm^3