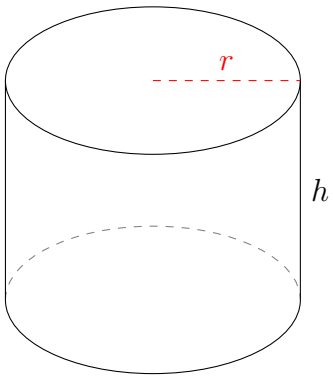
Aire et Volume des Cylindres (H)

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.

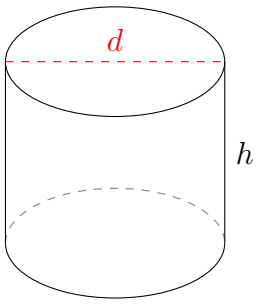


$r = 1{,}95$ nm $h = 2{,}9$ nm

Aire =

Volume =

2.

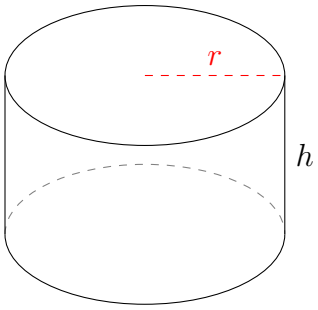


$d = 2{,}9$ mi $h = 2{,}4$ mi

Aire =

Volume =

3.

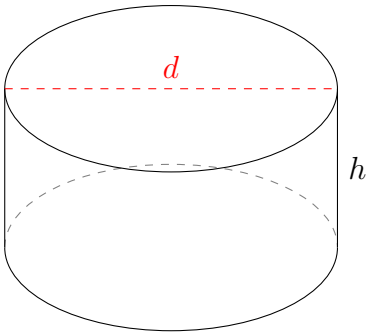


$r = 1{,}85$ km $h = 2{,}1$ km

Aire =

Volume =

4.



$d = 4{,}4$ dm $h = 2{,}1$ dm

Aire =

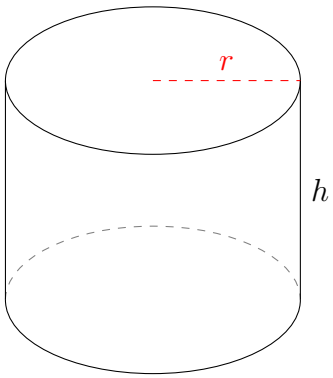
Volume =

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.

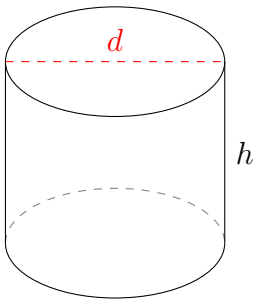


$r = 1{,}95$ nm $h = 2{,}9$ nm

Aire $= 59{,}42$ nm^2

Volume $= 34{,}64$ nm^3

2.

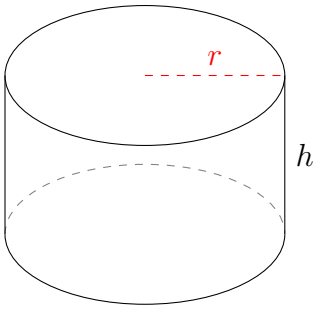


$d = 2{,}9$ mi $h = 2{,}4$ mi

Aire $= 35{,}08$ mi^2

Volume $= 15{,}85$ mi^3

3.

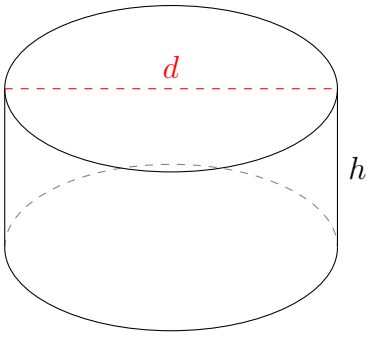


$r = 1{,}85$ km $h = 2{,}1$ km

Aire $= 45{,}91$ km^2

Volume $= 22{,}58$ km^3

4.



$d = 4{,}4$ dm $h = 2{,}1$ dm

Aire $= 59{,}44$ dm^2

Volume $= 31{,}93$ dm^3