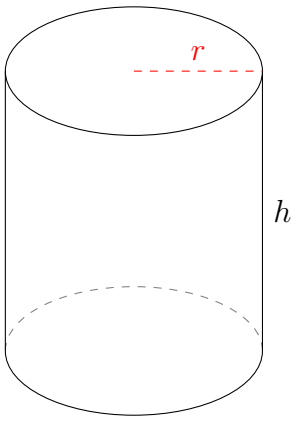
Aire et Volume des Cylindres (I)

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.

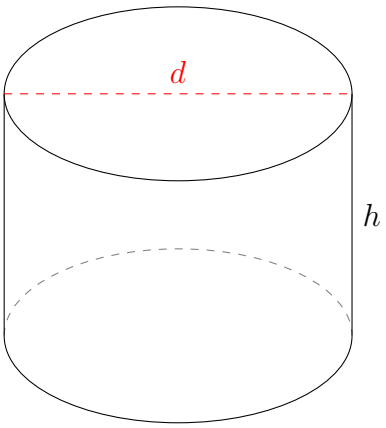


$r = 1{,}7$ po $h = 3{,}7$ po

Aire =

Volume =

2.

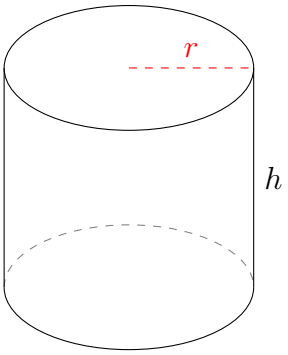


$d = 4{,}6$ hm $h = 3{,}2$ hm

Aire =

Volume =

3.

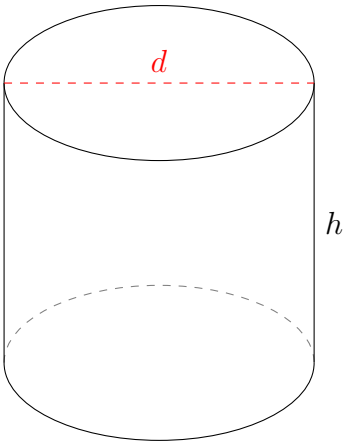


$r = 1{,}65$ mi $h = 2{,}9$ mi

Aire =

Volume =

4.



$d = 4{,}1$ dm $h = 3{,}7$ dm

Aire =

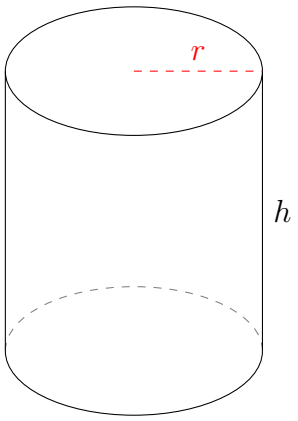
Volume =

Aire et Volume des Cylindres (I) 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.

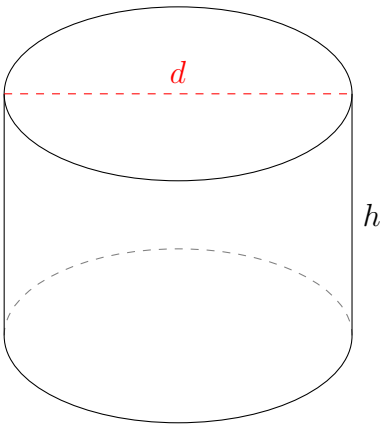


$r = 1{,}7$ po $h = 3{,}7$ po

Aire $= 57{,}68$ po^2

Volume $= 33{,}59$ po^3

2.

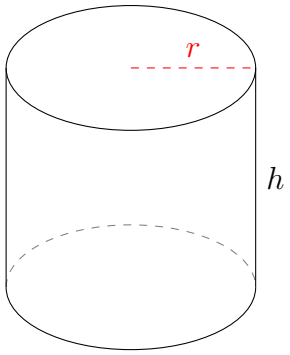


$d = 4{,}6$ hm $h = 3{,}2$ hm

Aire $= 79{,}48$ hm^2

Volume $= 53{,}18$ hm^3

3.

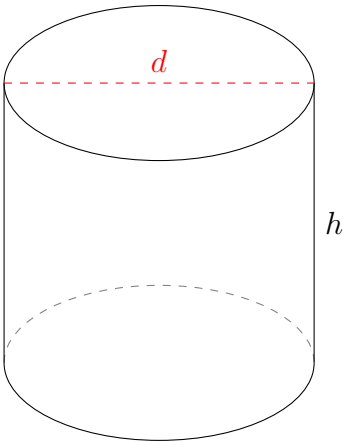


$r = 1{,}65$ mi $h = 2{,}9$ mi

Aire $= 47{,}17$ mi^2

Volume $= 24{,}8$ mi^3

4.



$d = 4{,}1$ dm $h = 3{,}7$ dm

Aire $= 74{,}06$ dm^2

Volume $= 48{,}85$ dm^3