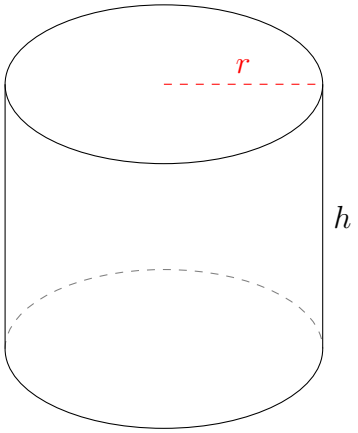
Aire et Volume des Cylindres (F)

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.

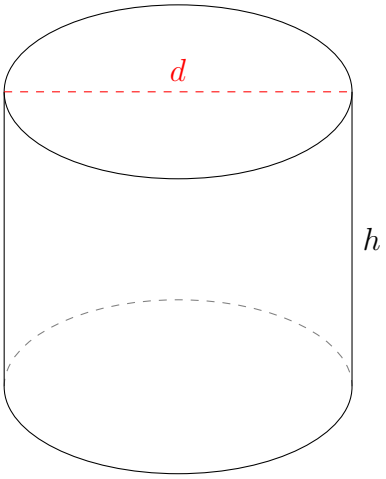


$r = 2{,}1$ mi $h = 3{,}5$ mi

Aire =

Volume =

2.

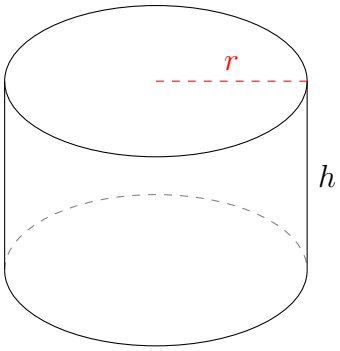


$d = 4{,}6$ dm $h = 3{,}9$ dm

Aire =

Volume =

3.

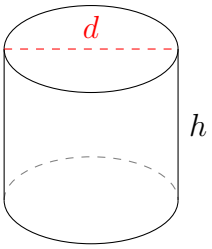


$r = 2$ m $h = 2{,}5$ m

Aire =

Volume =

4.



$d = 2{,}3$ dam $h = 2$ dam

Aire =

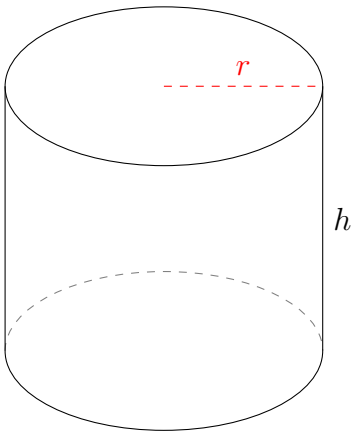
Volume =

Aire et Volume des Cylindres (F) 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.

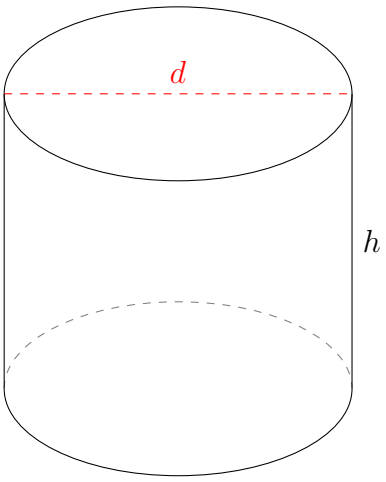


$r = 2{,}1$ mi $h = 3{,}5$ mi

Aire $= 73{,}89$ mi^2

Volume $= 48{,}49$ mi^3

2.

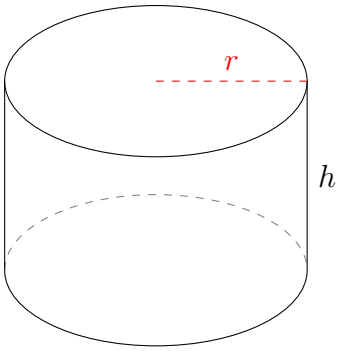


$d = 4{,}6$ dm $h = 3{,}9$ dm

Aire $= 89{,}6$ dm^2

Volume $= 64{,}81$ dm^3

3.

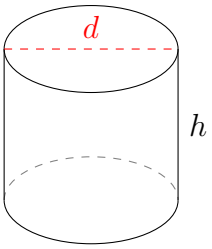


$r = 2$ m $h = 2{,}5$ m

Aire $= 56{,}55$ m^2

Volume $= 31{,}42$ m^3

4.



$d = 2{,}3$ dam $h = 2$ dam

Aire $= 22{,}76$ dam^2

Volume $= 8{,}31$ dam^3