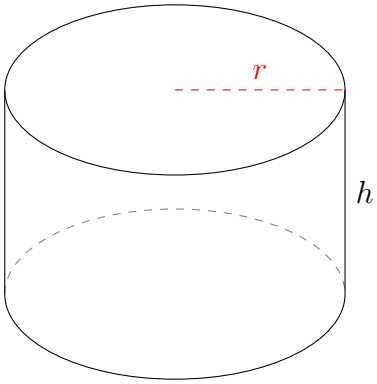
Aire et Volume des Cylindres (J)

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.

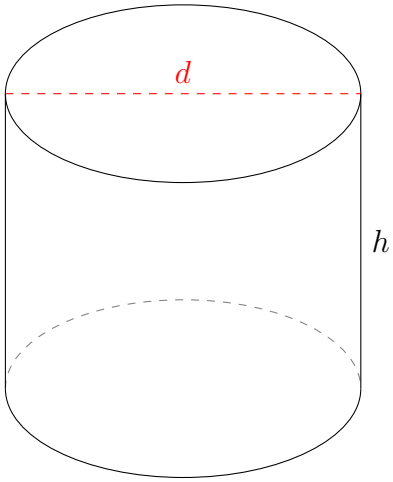


$r = 2{,}25$ dm $h = 2{,}7$ dm

Aire =

Volume =

2.

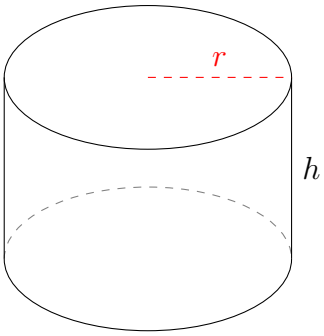


$d = 14{,}1$ hm $h = 11{,}7$ hm

Aire =

Volume =

3.

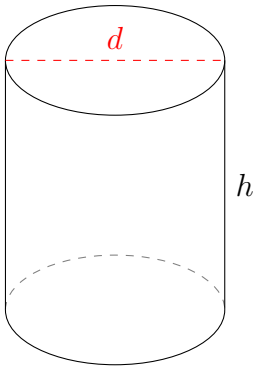


$r = 1{,}9$ dm $h = 2{,}4$ dm

Aire =

Volume =

4.



$d = 8{,}7$ km $h = 9{,}9$ km

Aire =

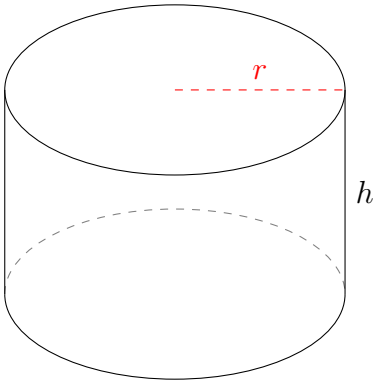
Volume =

Aire et Volume des Cylindres (J) 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.

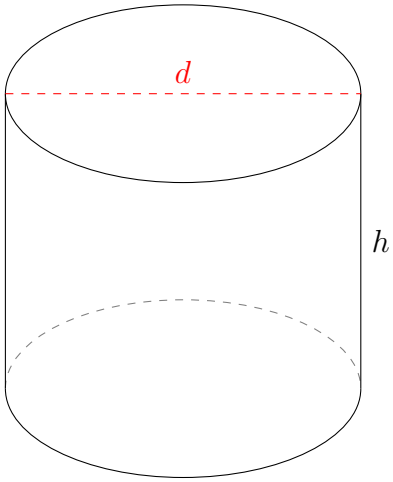


$r = 2{,}25$ dm $h = 2{,}7$ dm

Aire $= 69{,}98$ dm^2

Volume $= 42{,}94$ dm^3

2.

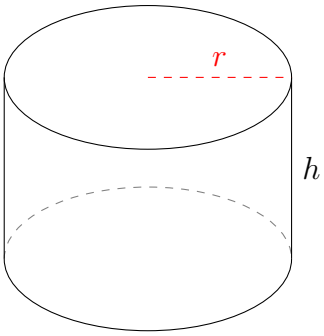


$d = 14{,}1$ hm $h = 11{,}7$ hm

Aire $= 830{,}56$ hm^2

Volume $= 1826{,}9$ hm^3

3.

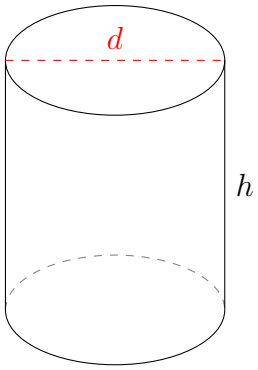


$r = 1{,}9$ dm $h = 2{,}4$ dm

Aire $= 51{,}33$ dm^2

Volume $= 27{,}22$ dm^3

4.



$d = 8{,}7$ km $h = 9{,}9$ km

Aire $= 389{,}48$ km^2

Volume $= 588{,}52$ km^3