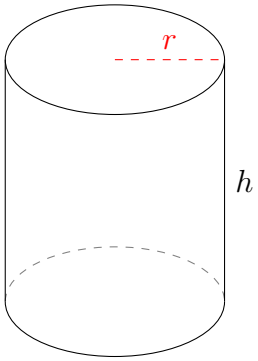
Aire et Volume des Cylindres (G)

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.

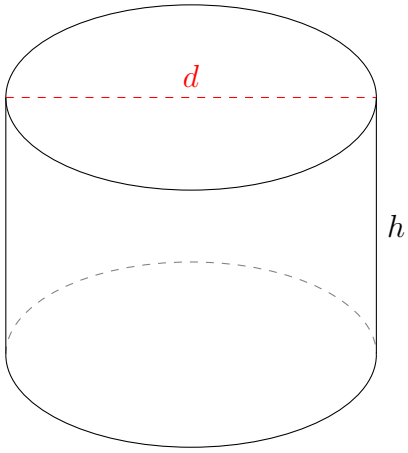


$r = 7{,}25$ dm $h = 16$ dm

Aire =

Volume =

2.

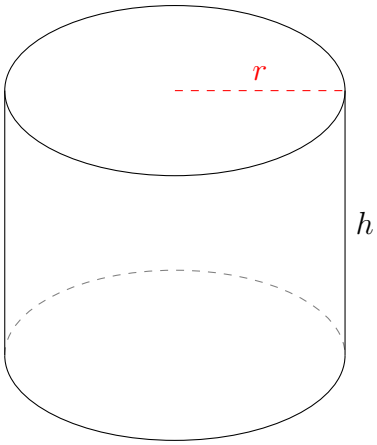


$d = 19{,}6$ nm $h = 13{,}6$ nm

Aire =

Volume =

3.

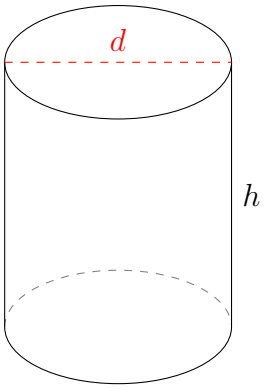


$r = 2{,}25$ mi $h = 3{,}5$ mi

Aire =

Volume =

4.



$d = 15$ dam $h = 17{,}5$ dam

Aire =

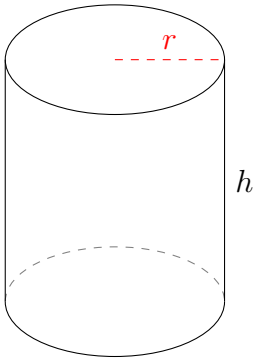
Volume =

Aire et Volume des Cylindres (G) 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.

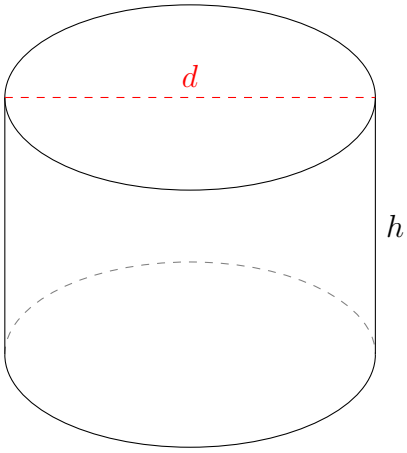


$r = 7{,}25$ dm $h = 16$ dm

Aire $= 1059{,}11$ dm^2

Volume $= 2642{,}08$ dm^3

2.

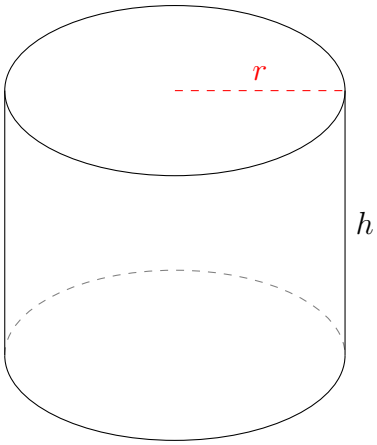


$d = 19{,}6$ nm $h = 13{,}6$ nm

Aire $= 1440{,}86$ nm^2

Volume $= 4103{,}37$ nm^3

3.

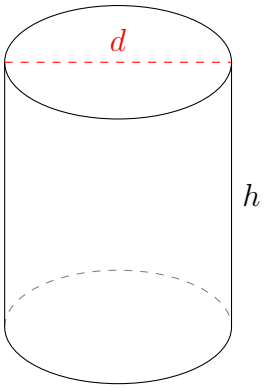


$r = 2{,}25$ mi $h = 3{,}5$ mi

Aire $= 81{,}29$ mi^2

Volume $= 55{,}67$ mi^3

4.



$d = 15$ dam $h = 17{,}5$ dam

Aire $= 1178{,}1$ dam^2

Volume $= 3092{,}51$ dam^3