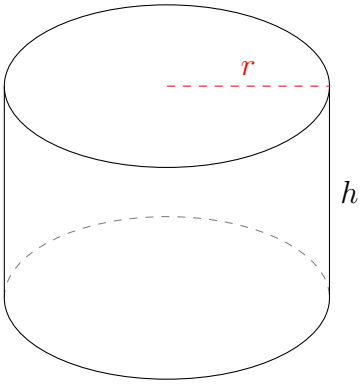
Aire et Volume des Cylindres (J)

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.

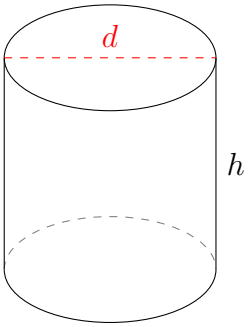


$r = 2{,}15$ mi $h = 2{,}8$ mi

Aire =

Volume =

2.

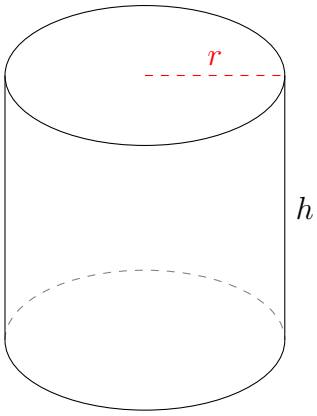


$d = 2{,}8$ nm $h = 2{,}8$ nm

Aire =

Volume =

3.

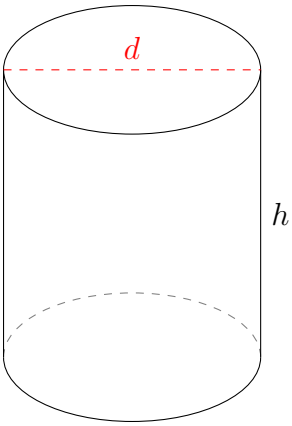


$r = 1{,}85$ dam $h = 3{,}5$ dam

Aire =

Volume =

4.



$d = 3{,}4$ nm $h = 3{,}8$ nm

Aire =

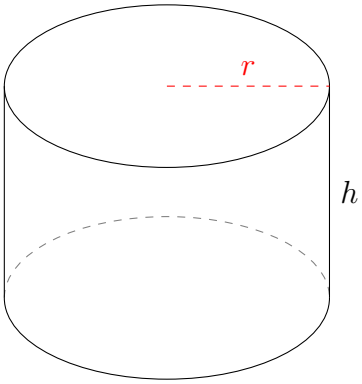
Volume =

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.

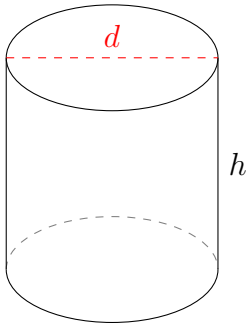


$r = 2{,}15$ mi $h = 2{,}8$ mi

Aire $= 66{,}87$ mi^2

Volume $= 40{,}66$ mi^3

2.

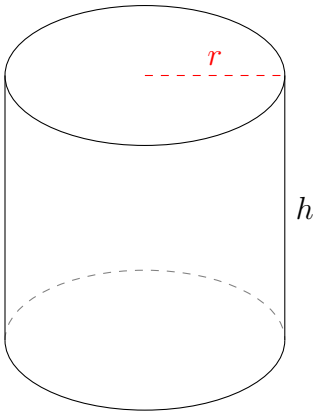


$d = 2{,}8$ nm $h = 2{,}8$ nm

Aire $= 36{,}95$ nm^2

Volume $= 17{,}24$ nm^3

3.

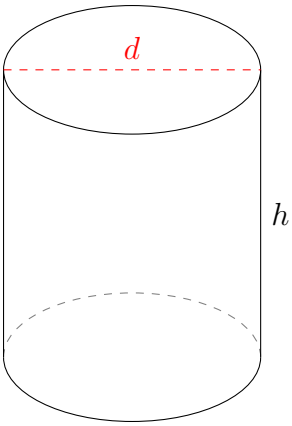


$r = 1{,}85$ dam $h = 3{,}5$ dam

Aire $= 62{,}19$ dam^2

Volume $= 37{,}63$ dam^3

4.



$d = 3{,}4$ nm $h = 3{,}8$ nm

Aire $= 58{,}75$ nm^2

Volume $= 34{,}5$ nm^3