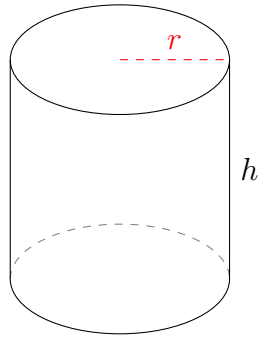


Aire et Volume des Cylindres (B)

Calculez l'aire et le volume pour chaque cylindre.

$$\text{Aire} = (\pi r^2 \times 2) + (\pi d \times h) \quad \text{Volume} = \pi r^2 \times h \quad d = 2r$$

1.

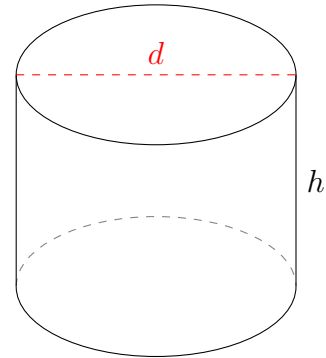


$$r = 1,45 \text{ dm} \quad h = 2,9 \text{ dm}$$

Aire =

Volume =

2.

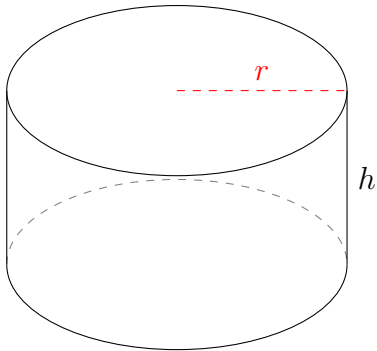


$$d = 18,5 \text{ mm} \quad h = 14 \text{ mm}$$

Aire =

Volume =

3.

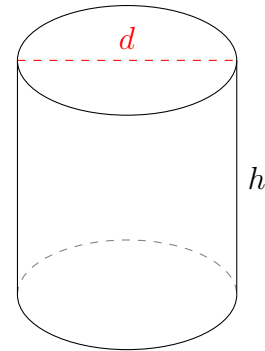


$$r = 2,25 \text{ po} \quad h = 2,3 \text{ po}$$

Aire =

Volume =

4.



$$d = 11,6 \text{ m} \quad h = 12,4 \text{ m}$$

Aire =

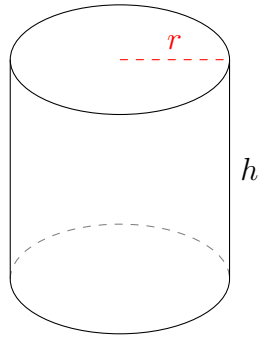
Volume =

Aire et Volume des Cylindres (B) Réponses

Calculez l'aire et le volume pour chaque cylindre.

$$\text{Aire} = (\pi r^2 \times 2) + (\pi d \times h) \quad \text{Volume} = \pi r^2 \times h \quad d = 2r$$

1.

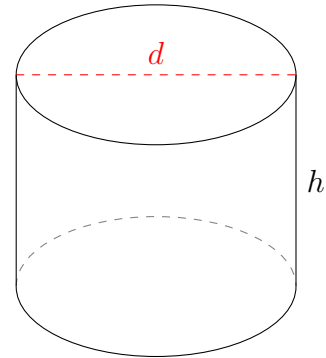


$$r = 1,45 \text{ dm} \quad h = 2,9 \text{ dm}$$

$$\text{Aire} = 39,63 \text{ dm}^2$$

$$\text{Volume} = 19,16 \text{ dm}^3$$

2.

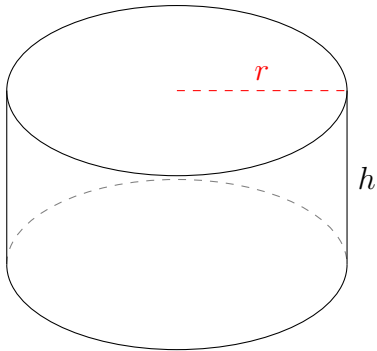


$$d = 18,5 \text{ mm} \quad h = 14 \text{ mm}$$

$$\text{Aire} = 1351,28 \text{ mm}^2$$

$$\text{Volume} = 3763,24 \text{ mm}^3$$

3.

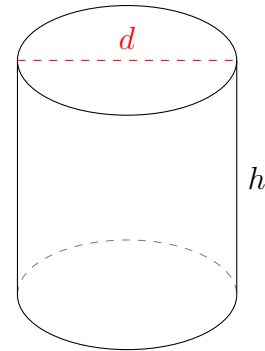


$$r = 2,25 \text{ po} \quad h = 2,3 \text{ po}$$

$$\text{Aire} = 64,32 \text{ po}^2$$

$$\text{Volume} = 36,58 \text{ po}^3$$

4.



$$d = 11,6 \text{ m} \quad h = 12,4 \text{ m}$$

$$\text{Aire} = 663,25 \text{ m}^2$$

$$\text{Volume} = 1310,47 \text{ m}^3$$