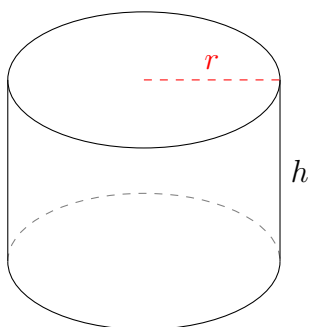


Aire et Volume des Cylindres (D)

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.

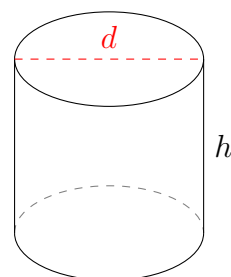


$$r = 1,8 \text{ hm} \quad h = 2,4 \text{ hm}$$

Aire =

Volume =

2.

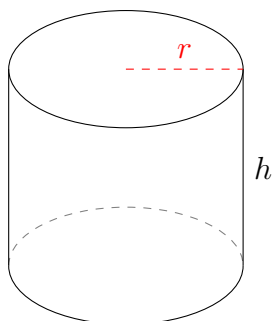


$$d = 2,5 \text{ dam} \quad h = 2,3 \text{ dam}$$

Aire =

Volume =

3.

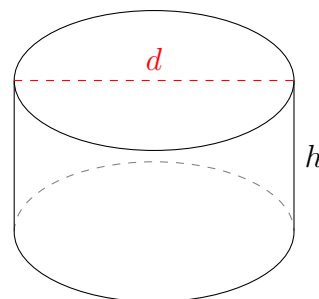


$$r = 1,55 \text{ hm} \quad h = 2,6 \text{ hm}$$

Aire =

Volume =

4.



$$d = 3,7 \text{ dm} \quad h = 2 \text{ dm}$$

Aire =

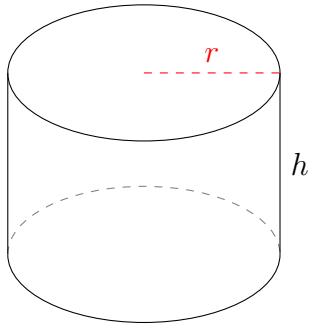
Volume =

Aire et Volume des Cylindres (D) 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.

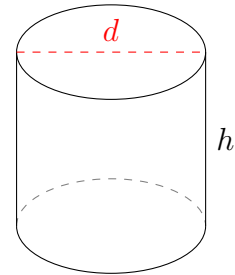


$$r = 1,8 \text{ hm} \quad h = 2,4 \text{ hm}$$

$$\text{Aire} = 47,5 \text{ hm}^2$$

$$\text{Volume} = 24,43 \text{ hm}^3$$

2.

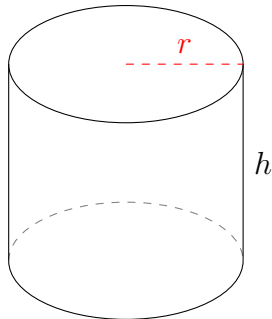


$$d = 2,5 \text{ dam} \quad h = 2,3 \text{ dam}$$

$$\text{Aire} = 27,88 \text{ dam}^2$$

$$\text{Volume} = 11,29 \text{ dam}^3$$

3.

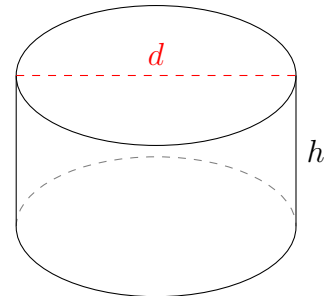


$$r = 1,55 \text{ hm} \quad h = 2,6 \text{ hm}$$

$$\text{Aire} = 40,42 \text{ hm}^2$$

$$\text{Volume} = 19,62 \text{ hm}^3$$

4.



$$d = 3,7 \text{ dm} \quad h = 2 \text{ dm}$$

$$\text{Aire} = 44,75 \text{ dm}^2$$

$$\text{Volume} = 21,5 \text{ dm}^3$$