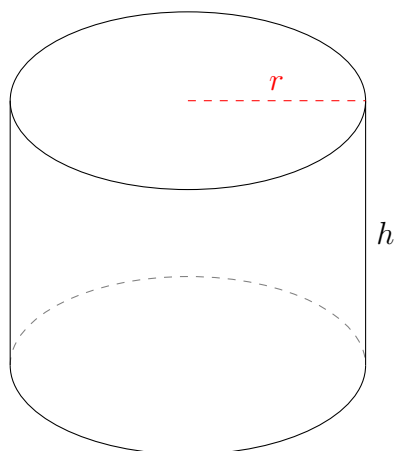


Aire et Volume des Cylindres (G)

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.

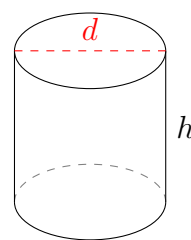


$$r = 2,35 \text{ hm} \quad h = 3,5 \text{ hm}$$

Aire =

Volume =

2.

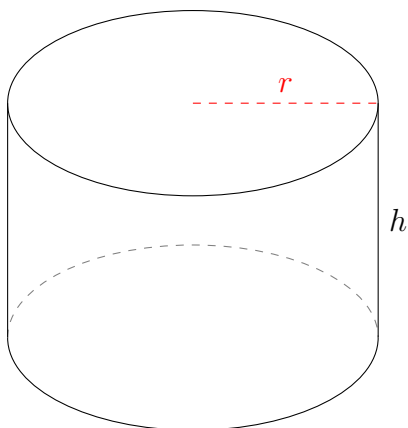


$$d = 2 \text{ mm} \quad h = 2 \text{ mm}$$

Aire =

Volume =

3.

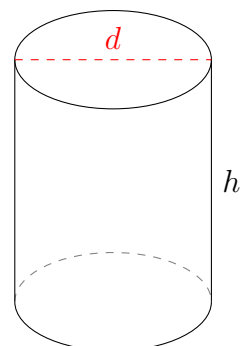


$$r = 2,45 \text{ km} \quad h = 3,1 \text{ km}$$

Aire =

Volume =

4.



$$d = 2,6 \text{ mi} \quad h = 3,2 \text{ mi}$$

Aire =

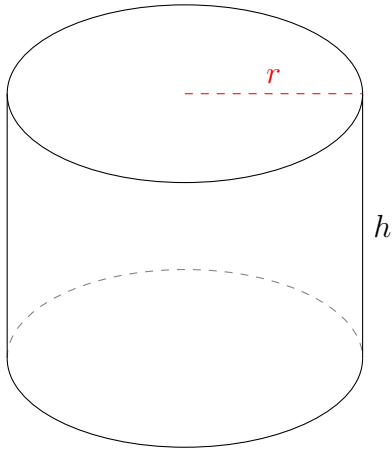
Volume =

Aire et Volume des Cylindres (G) 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.

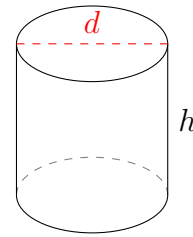


$$r = 2,35 \text{ hm} \quad h = 3,5 \text{ hm}$$

$$\text{Aire} = 86,38 \text{ hm}^2$$

$$\text{Volume} = 60,72 \text{ hm}^3$$

2.

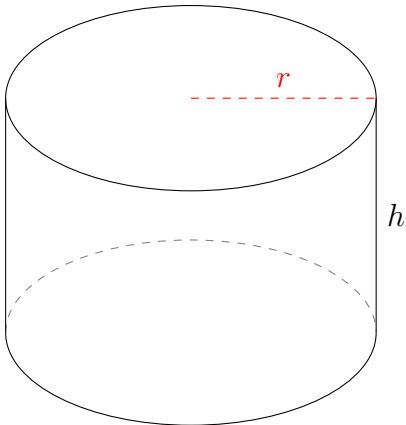


$$d = 2 \text{ mm} \quad h = 2 \text{ mm}$$

$$\text{Aire} = 18,85 \text{ mm}^2$$

$$\text{Volume} = 6,28 \text{ mm}^3$$

3.

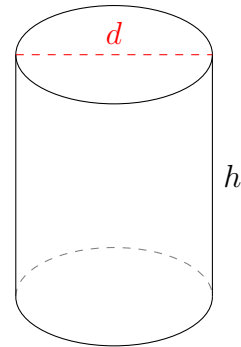


$$r = 2,45 \text{ km} \quad h = 3,1 \text{ km}$$

$$\text{Aire} = 85,44 \text{ km}^2$$

$$\text{Volume} = 58,46 \text{ km}^3$$

4.



$$d = 2,6 \text{ mi} \quad h = 3,2 \text{ mi}$$

$$\text{Aire} = 36,76 \text{ mi}^2$$

$$\text{Volume} = 16,99 \text{ mi}^3$$