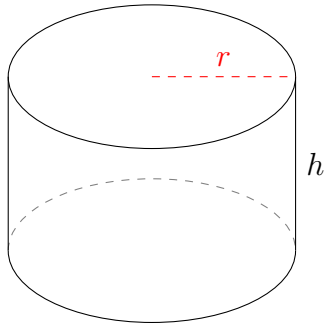


Aire et Volume des Cylindres (A)

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.

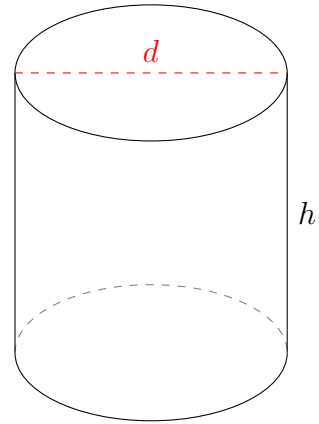


$$r = 5,7 \text{ km} \quad h = 6,9 \text{ km}$$

Aire =

Volume =

2.

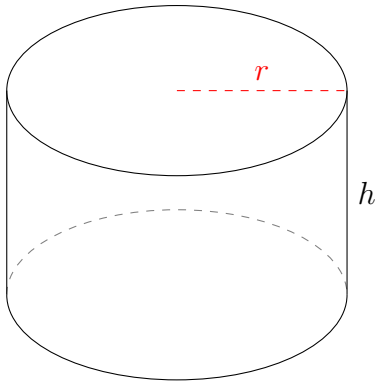


$$d = 10,8 \text{ dm} \quad h = 11,1 \text{ dm}$$

Aire =

Volume =

3.

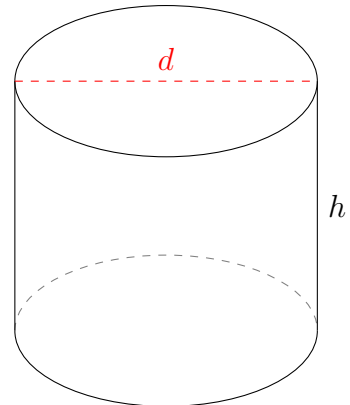


$$r = 11,25 \text{ dam} \quad h = 13,5 \text{ dam}$$

Aire =

Volume =

4.



$$d = 16 \text{ mi} \quad h = 13,2 \text{ mi}$$

Aire =

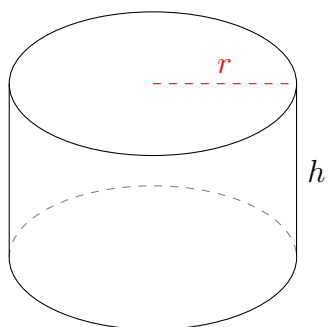
Volume =

Aire et Volume des Cylindres (A) 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.

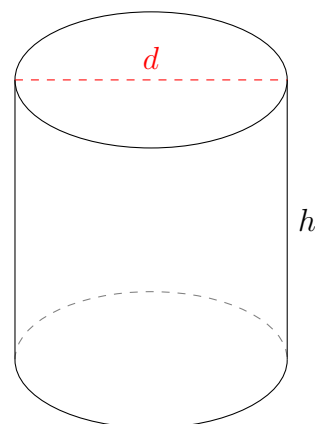


$$r = 5,7 \text{ km} \quad h = 6,9 \text{ km}$$

$$\text{Aire} = 451,26 \text{ km}^2$$

$$\text{Volume} = 704,29 \text{ km}^3$$

2.

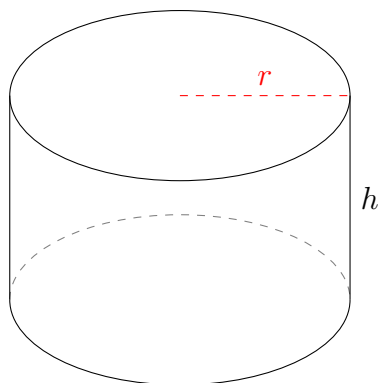


$$d = 10,8 \text{ dm} \quad h = 11,1 \text{ dm}$$

$$\text{Aire} = 559,83 \text{ dm}^2$$

$$\text{Volume} = 1016,86 \text{ dm}^3$$

3.

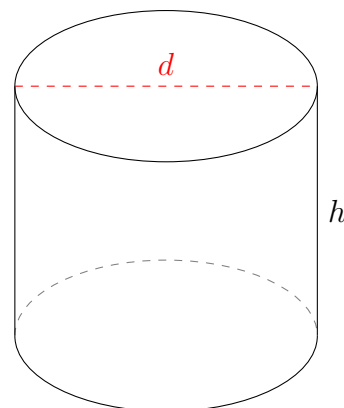


$$r = 11,25 \text{ dam} \quad h = 13,5 \text{ dam}$$

$$\text{Aire} = 1749,47 \text{ dam}^2$$

$$\text{Volume} = 5367,71 \text{ dam}^3$$

4.



$$d = 16 \text{ mi} \quad h = 13,2 \text{ mi}$$

$$\text{Aire} = 1065,63 \text{ mi}^2$$

$$\text{Volume} = 2654,02 \text{ mi}^3$$