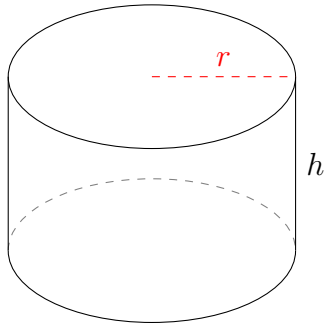


Aire et Volume des Cylindres (A)

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.

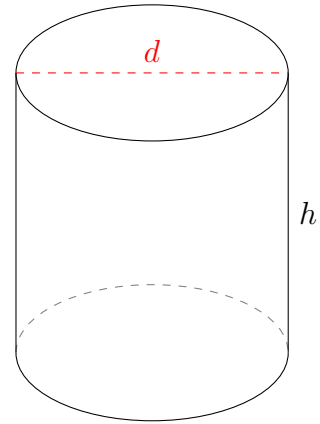


$$r = 5,7 \text{ km} \quad h = 6,9 \text{ km}$$

Aire =

Volume =

2.

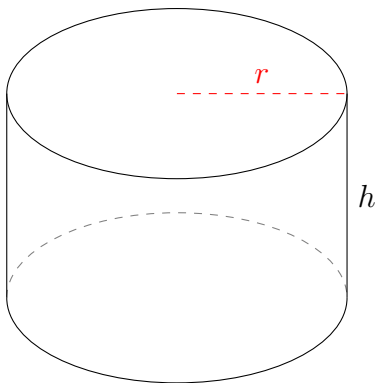


$$d = 10,8 \text{ dm} \quad h = 11,1 \text{ dm}$$

Aire =

Volume =

3.

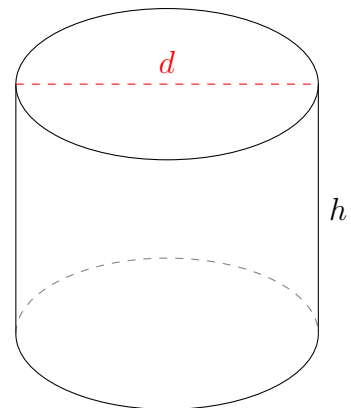


$$r = 11,25 \text{ dam} \quad h = 13,5 \text{ dam}$$

Aire =

Volume =

4.



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

Aire =

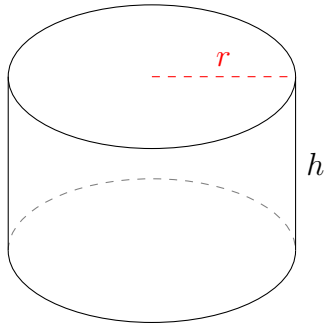
Volume =

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.

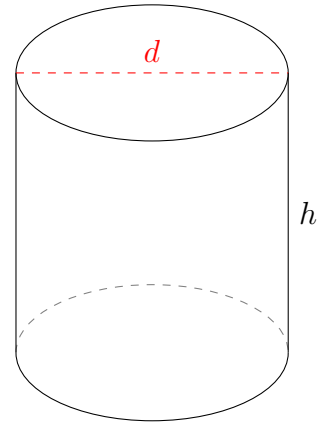


$$r = 5,7 \text{ km} \quad h = 6,9 \text{ km}$$

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

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

2.

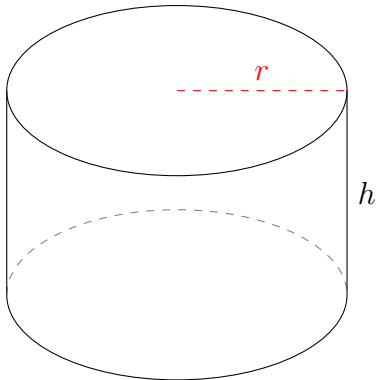


$$d = 10,8 \text{ dm} \quad h = 11,1 \text{ dm}$$

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

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

3.

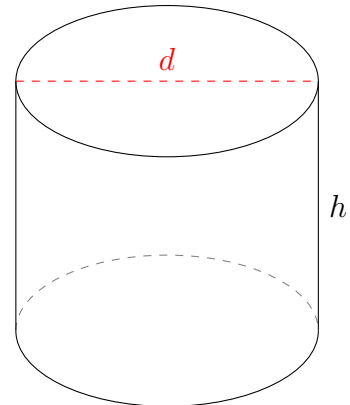


$$r = 11,25 \text{ dam} \quad h = 13,5 \text{ dam}$$

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

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

4.



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

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

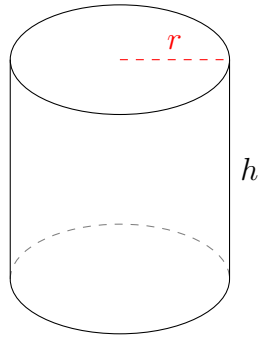
$$\text{Volume} = 2654,02 \text{ mi}^3$$

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.

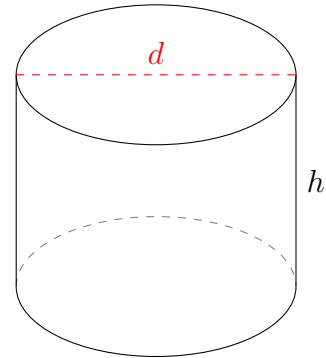


$$r = 1,45 \text{ dm} \quad h = 2,9 \text{ dm}$$

Aire =

Volume =

2.

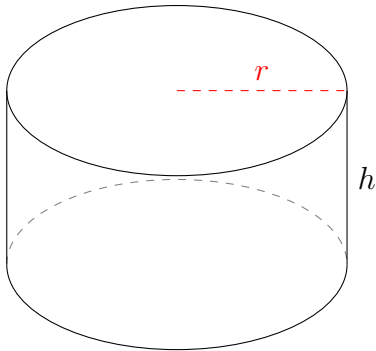


$$d = 18,5 \text{ mm} \quad h = 14 \text{ mm}$$

Aire =

Volume =

3.

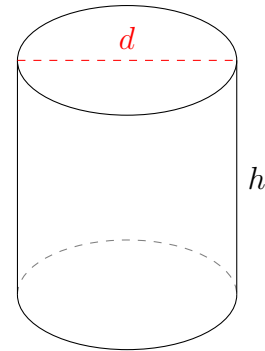


$$r = 2,25 \text{ po} \quad h = 2,3 \text{ po}$$

Aire =

Volume =

4.



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

Aire =

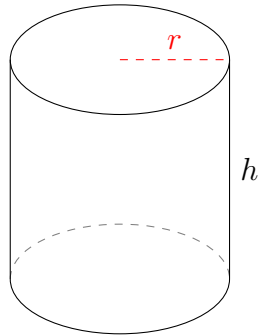
Volume =

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.

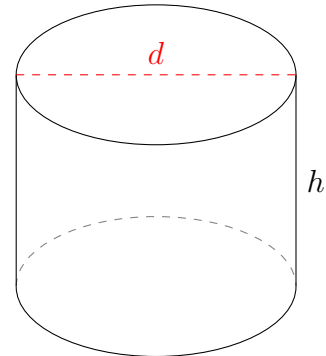


$$r = 1,45 \text{ dm} \quad h = 2,9 \text{ dm}$$

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

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

2.

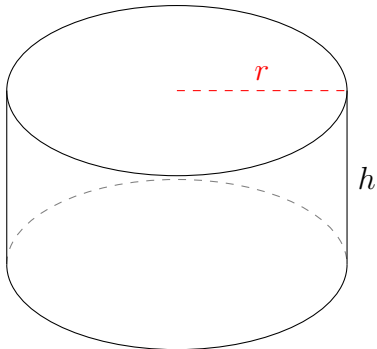


$$d = 18,5 \text{ mm} \quad h = 14 \text{ mm}$$

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

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

3.

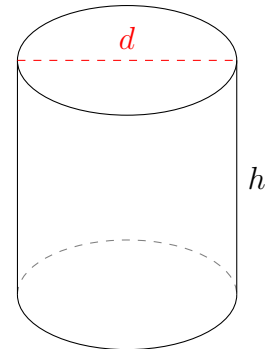


$$r = 2,25 \text{ po} \quad h = 2,3 \text{ po}$$

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

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

4.



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

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

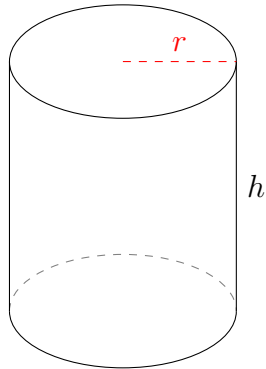
$$\text{Volume} = 1310,47 \text{ m}^3$$

Aire et Volume des Cylindres (C)

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.

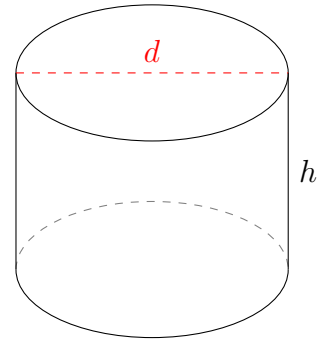


$$r = 4,5 \text{ dam} \quad h = 9,9 \text{ dam}$$

Aire =

Volume =

2.

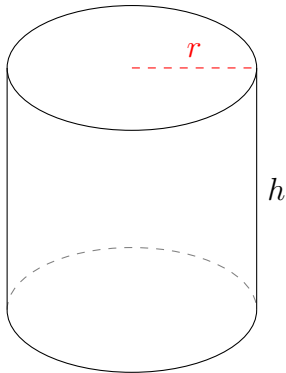


$$d = 18 \text{ mi} \quad h = 13 \text{ mi}$$

Aire =

Volume =

3.

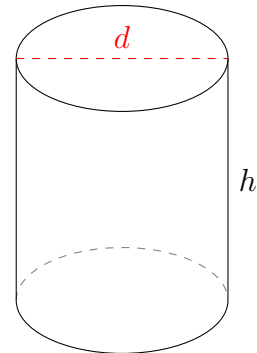


$$r = 1,65 \text{ km} \quad h = 3,2 \text{ km}$$

Aire =

Volume =

4.



$$d = 14 \text{ dam} \quad h = 16 \text{ dam}$$

Aire =

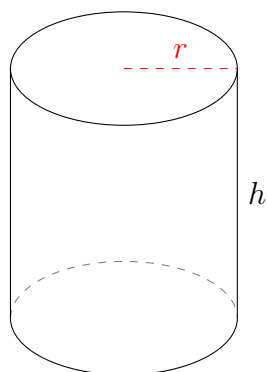
Volume =

Aire et Volume des Cylindres (C) 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.

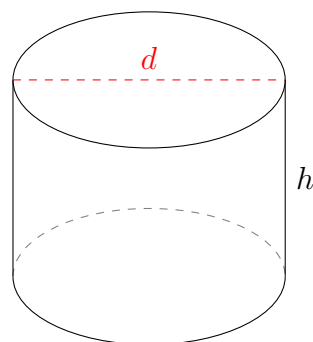


$$r = 4,5 \text{ dam} \quad h = 9,9 \text{ dam}$$

$$\text{Aire} = 407,15 \text{ dam}^2$$

$$\text{Volume} = 629,81 \text{ dam}^3$$

2.

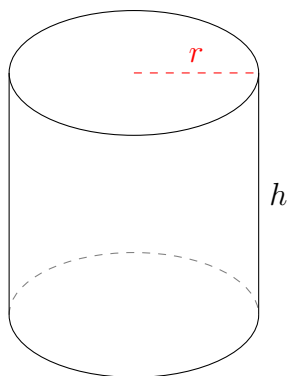


$$d = 18 \text{ mi} \quad h = 13 \text{ mi}$$

$$\text{Aire} = 1244,07 \text{ mi}^2$$

$$\text{Volume} = 3308,1 \text{ mi}^3$$

3.

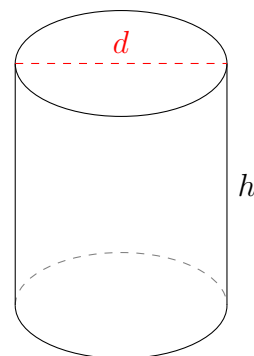


$$r = 1,65 \text{ km} \quad h = 3,2 \text{ km}$$

$$\text{Aire} = 50,28 \text{ km}^2$$

$$\text{Volume} = 27,37 \text{ km}^3$$

4.



$$d = 14 \text{ dam} \quad h = 16 \text{ dam}$$

$$\text{Aire} = 1011,59 \text{ dam}^2$$

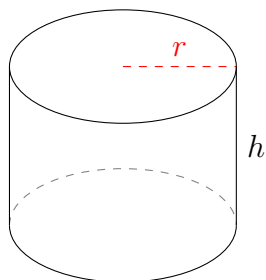
$$\text{Volume} = 2463,01 \text{ dam}^3$$

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.

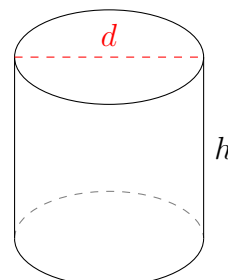


$$r = 4,5 \text{ mi} \quad h = 6,3 \text{ mi}$$

Aire =

Volume =

2.

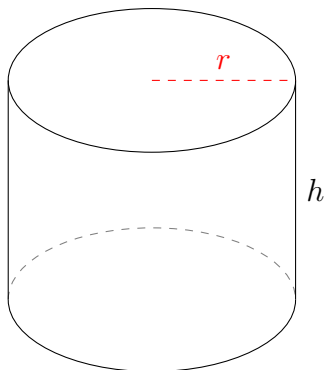


$$d = 5 \text{ hm} \quad h = 4,8 \text{ hm}$$

Aire =

Volume =

3.

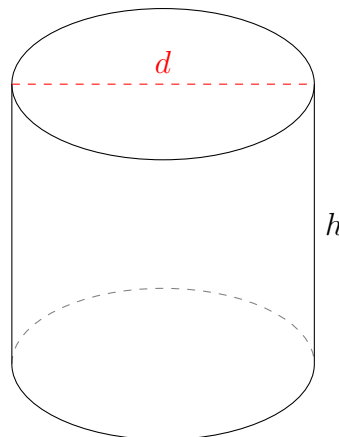


$$r = 5,7 \text{ mm} \quad h = 8,7 \text{ mm}$$

Aire =

Volume =

4.



$$d = 12 \text{ mm} \quad h = 11,1 \text{ mm}$$

Aire =

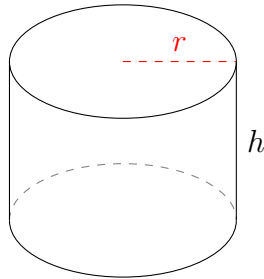
Volume =

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.

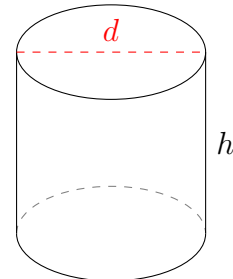


$$r = 4,5 \text{ mi} \quad h = 6,3 \text{ mi}$$

$$\text{Aire} = 305,36 \text{ mi}^2$$

$$\text{Volume} = 400,79 \text{ mi}^3$$

2.

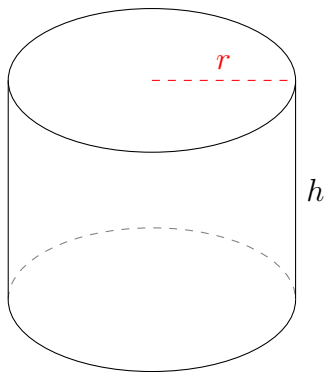


$$d = 5 \text{ hm} \quad h = 4,8 \text{ hm}$$

$$\text{Aire} = 114,67 \text{ hm}^2$$

$$\text{Volume} = 94,25 \text{ hm}^3$$

3.

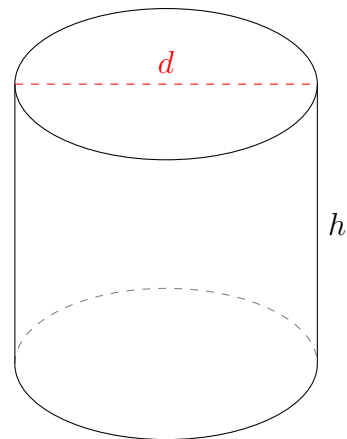


$$r = 5,7 \text{ mm} \quad h = 8,7 \text{ mm}$$

$$\text{Aire} = 515,72 \text{ mm}^2$$

$$\text{Volume} = 888,01 \text{ mm}^3$$

4.



$$d = 12 \text{ mm} \quad h = 11,1 \text{ mm}$$

$$\text{Aire} = 644,65 \text{ mm}^2$$

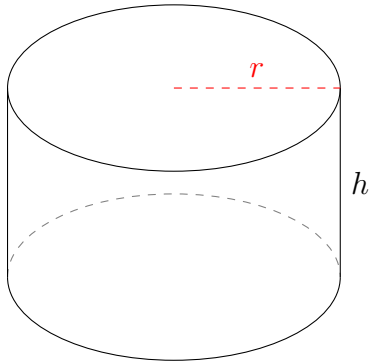
$$\text{Volume} = 1255,38 \text{ mm}^3$$

Aire et Volume des Cylindres (E)

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.

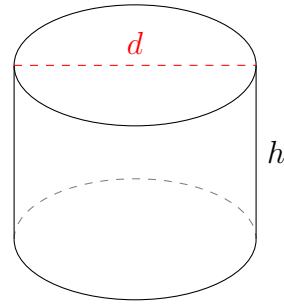


$$r = 11 \text{ hm} \quad h = 12,5 \text{ hm}$$

Aire =

Volume =

2.

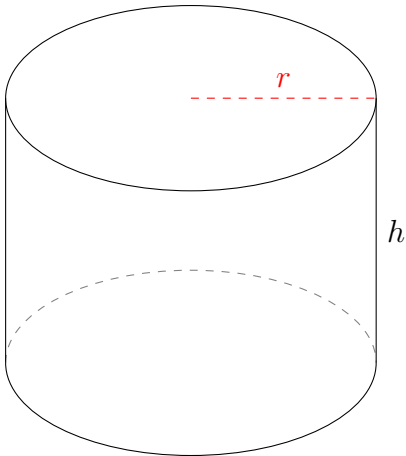


$$d = 9,6 \text{ m} \quad h = 6,9 \text{ m}$$

Aire =

Volume =

3.

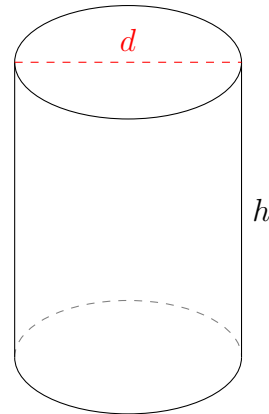


$$r = 4,9 \text{ m} \quad h = 7 \text{ m}$$

Aire =

Volume =

4.



$$d = 15 \text{ cm} \quad h = 19,5 \text{ cm}$$

Aire =

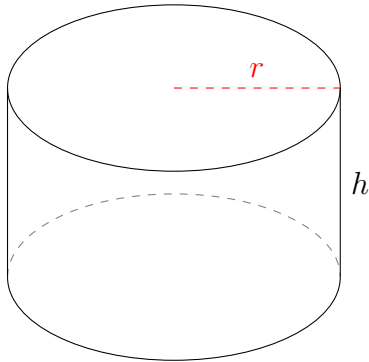
Volume =

Aire et Volume des Cylindres (E) 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.

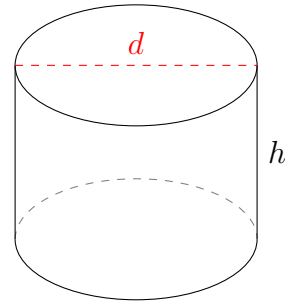


$$r = 11 \text{ hm} \quad h = 12,5 \text{ hm}$$

$$\text{Aire} = 1624,2 \text{ hm}^2$$

$$\text{Volume} = 4751,66 \text{ hm}^3$$

2.

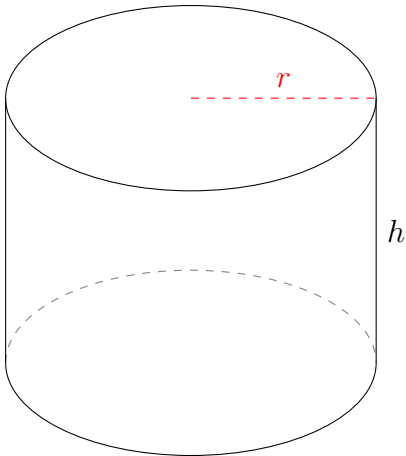


$$d = 9,6 \text{ m} \quad h = 6,9 \text{ m}$$

$$\text{Aire} = 352,86 \text{ m}^2$$

$$\text{Volume} = 499,44 \text{ m}^3$$

3.

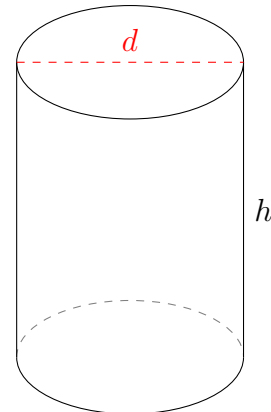


$$r = 4,9 \text{ m} \quad h = 7 \text{ m}$$

$$\text{Aire} = 366,37 \text{ m}^2$$

$$\text{Volume} = 528,01 \text{ m}^3$$

4.



$$d = 15 \text{ cm} \quad h = 19,5 \text{ cm}$$

$$\text{Aire} = 1272,35 \text{ cm}^2$$

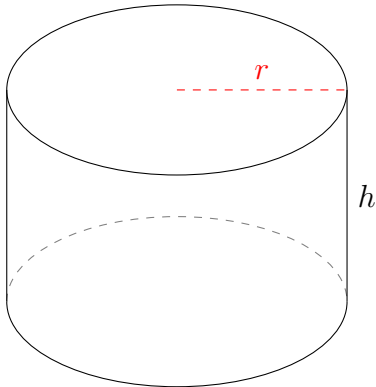
$$\text{Volume} = 3445,93 \text{ cm}^3$$

Aire et Volume des Cylindres (F)

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.

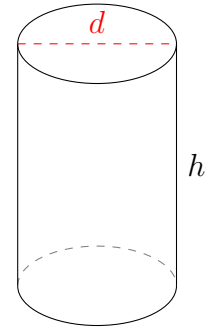


$$r = 4,5 \text{ cm} \quad h = 5,6 \text{ cm}$$

Aire =

Volume =

2.

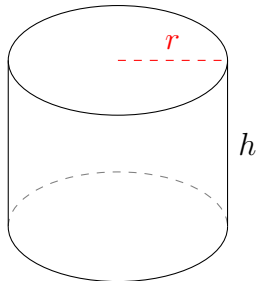


$$d = 8,4 \text{ hm} \quad h = 12,8 \text{ hm}$$

Aire =

Volume =

3.

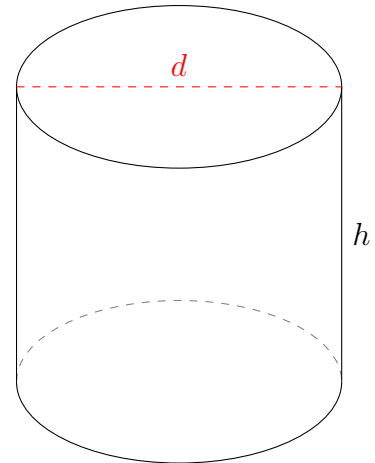


$$r = 1,45 \text{ nm} \quad h = 2,2 \text{ nm}$$

Aire =

Volume =

4.



$$d = 4,3 \text{ hm} \quad h = 3,9 \text{ hm}$$

Aire =

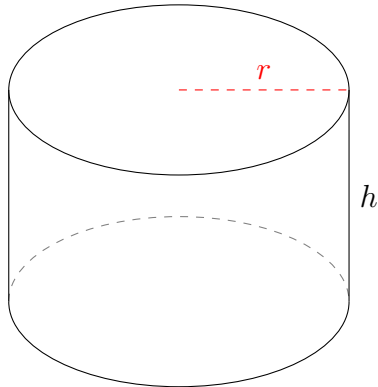
Volume =

Aire et Volume des Cylindres (F) 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.

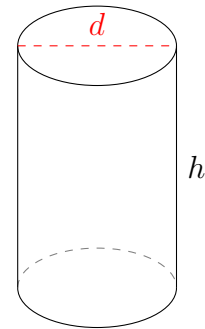


$$r = 4,5 \text{ cm} \quad h = 5,6 \text{ cm}$$

$$\text{Aire} = 285,57 \text{ cm}^2$$

$$\text{Volume} = 356,26 \text{ cm}^3$$

2.

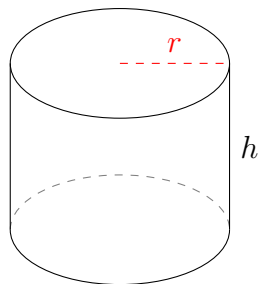


$$d = 8,4 \text{ hm} \quad h = 12,8 \text{ hm}$$

$$\text{Aire} = 448,62 \text{ hm}^2$$

$$\text{Volume} = 709,35 \text{ hm}^3$$

3.

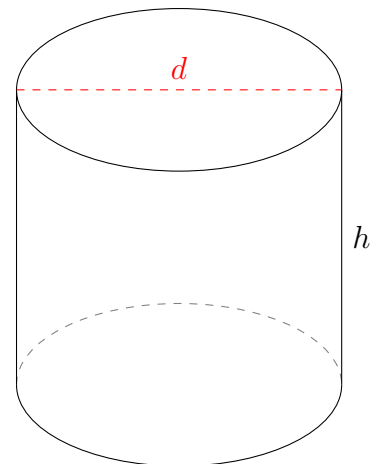


$$r = 1,45 \text{ nm} \quad h = 2,2 \text{ nm}$$

$$\text{Aire} = 33,25 \text{ nm}^2$$

$$\text{Volume} = 14,53 \text{ nm}^3$$

4.



$$d = 4,3 \text{ hm} \quad h = 3,9 \text{ hm}$$

$$\text{Aire} = 81,73 \text{ hm}^2$$

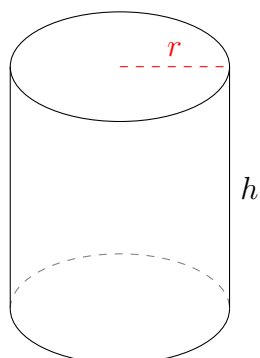
$$\text{Volume} = 56,64 \text{ hm}^3$$

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.

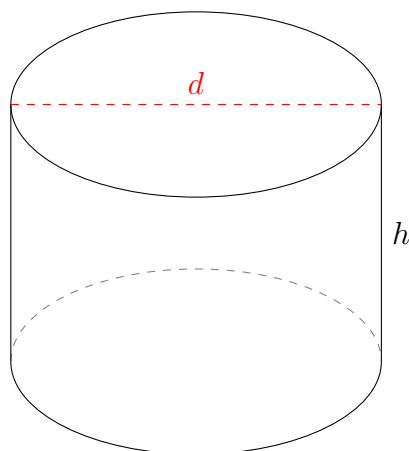


$$r = 7,25 \text{ dm} \quad h = 16 \text{ dm}$$

Aire =

Volume =

2.

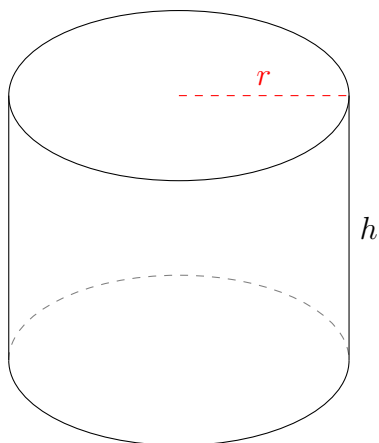


$$d = 19,6 \text{ nm} \quad h = 13,6 \text{ nm}$$

Aire =

Volume =

3.

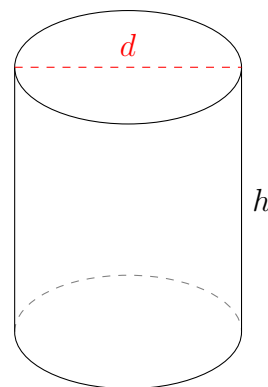


$$r = 2,25 \text{ mi} \quad h = 3,5 \text{ mi}$$

Aire =

Volume =

4.



$$d = 15 \text{ dam} \quad h = 17,5 \text{ dam}$$

Aire =

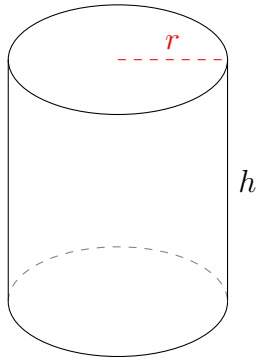
Volume =

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.

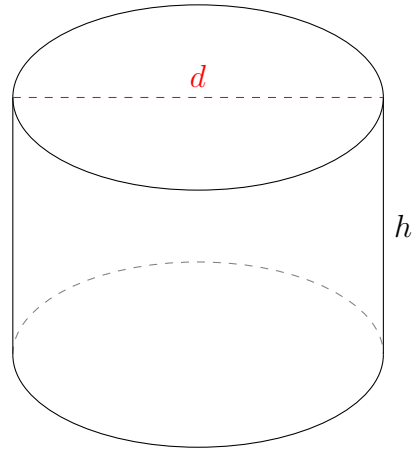


$$r = 7,25 \text{ dm} \quad h = 16 \text{ dm}$$

$$\text{Aire} = 1059,11 \text{ dm}^2$$

$$\text{Volume} = 2642,08 \text{ dm}^3$$

2.

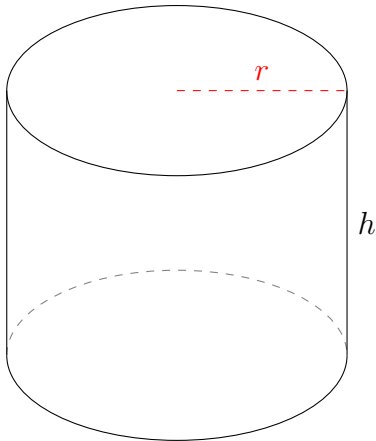


$$d = 19,6 \text{ nm} \quad h = 13,6 \text{ nm}$$

$$\text{Aire} = 1440,86 \text{ nm}^2$$

$$\text{Volume} = 4103,37 \text{ nm}^3$$

3.

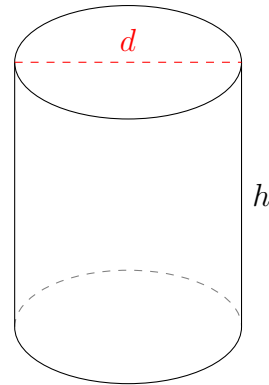


$$r = 2,25 \text{ mi} \quad h = 3,5 \text{ mi}$$

$$\text{Aire} = 81,29 \text{ mi}^2$$

$$\text{Volume} = 55,67 \text{ mi}^3$$

4.



$$d = 15 \text{ dam} \quad h = 17,5 \text{ dam}$$

$$\text{Aire} = 1178,1 \text{ dam}^2$$

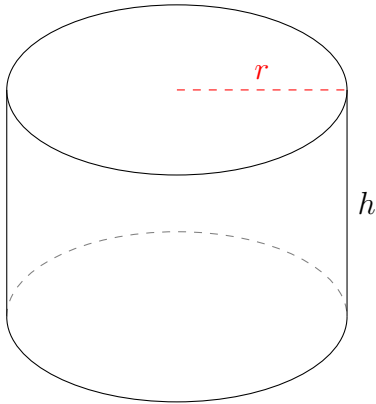
$$\text{Volume} = 3092,51 \text{ dam}^3$$

Aire et Volume des Cylindres (H)

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.

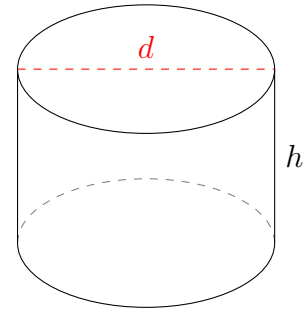


$$r = 11,25 \text{ hm} \quad h = 15 \text{ hm}$$

Aire =

Volume =

2.

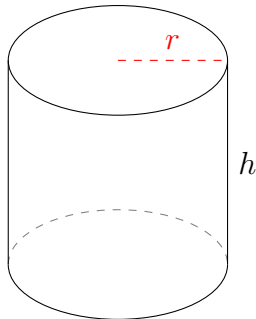


$$d = 13,6 \text{ km} \quad h = 9,2 \text{ km}$$

Aire =

Volume =

3.

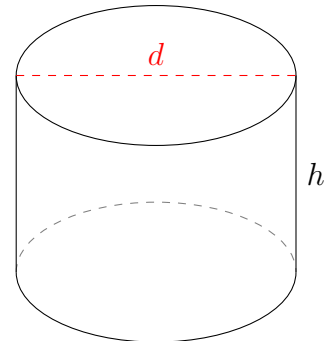


$$r = 5,8 \text{ dam} \quad h = 10,8 \text{ dam}$$

Aire =

Volume =

4.



$$d = 7,4 \text{ mm} \quad h = 5,2 \text{ mm}$$

Aire =

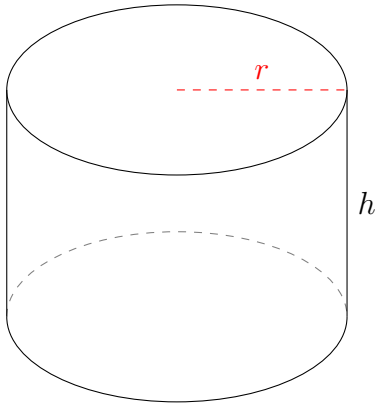
Volume =

Aire et Volume des Cylindres (H) 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.

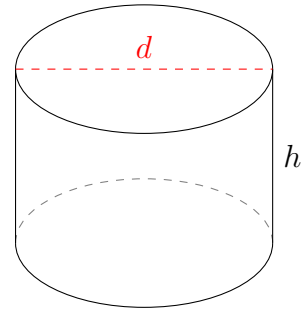


$$r = 11,25 \text{ hm} \quad h = 15 \text{ hm}$$

$$\text{Aire} = 1855,5 \text{ hm}^2$$

$$\text{Volume} = 5964,12 \text{ hm}^3$$

2.

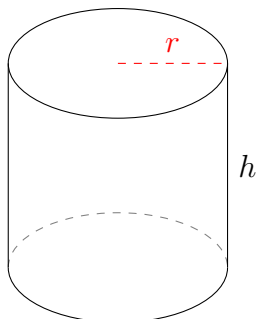


$$d = 13,6 \text{ km} \quad h = 9,2 \text{ km}$$

$$\text{Aire} = 683,61 \text{ km}^2$$

$$\text{Volume} = 1336,46 \text{ km}^3$$

3.

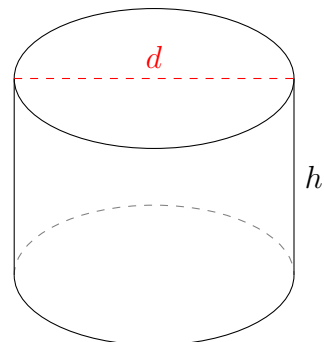


$$r = 5,8 \text{ dam} \quad h = 10,8 \text{ dam}$$

$$\text{Aire} = 604,95 \text{ dam}^2$$

$$\text{Volume} = 1141,38 \text{ dam}^3$$

4.



$$d = 7,4 \text{ mm} \quad h = 5,2 \text{ mm}$$

$$\text{Aire} = 206,91 \text{ mm}^2$$

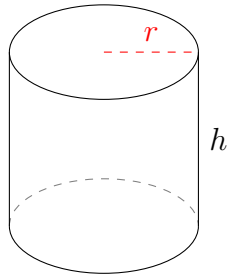
$$\text{Volume} = 223,64 \text{ mm}^3$$

Aire et Volume des Cylindres (I)

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.

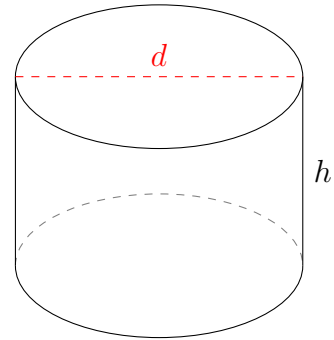


$$r = 3,75 \text{ mm} \quad h = 6,9 \text{ mm}$$

Aire =

Volume =

2.

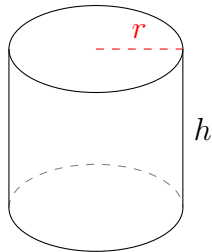


$$d = 7,6 \text{ cm} \quad h = 5 \text{ cm}$$

Aire =

Volume =

3.

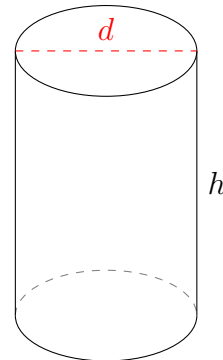


$$r = 3,45 \text{ dam} \quad h = 6,3 \text{ dam}$$

Aire =

Volume =

4.



$$d = 2,4 \text{ mm} \quad h = 3,5 \text{ mm}$$

Aire =

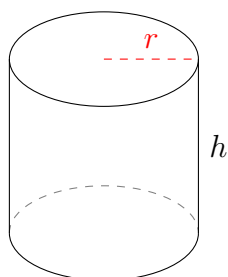
Volume =

Aire et Volume des Cylindres (I) 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.

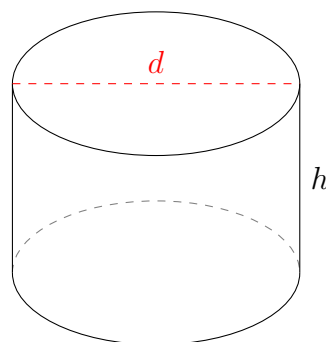


$$r = 3,75 \text{ mm} \quad h = 6,9 \text{ mm}$$

$$\text{Aire} = 250,93 \text{ mm}^2$$

$$\text{Volume} = 304,83 \text{ mm}^3$$

2.

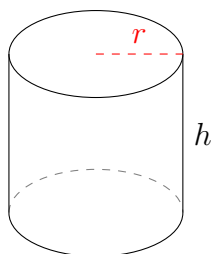


$$d = 7,6 \text{ cm} \quad h = 5 \text{ cm}$$

$$\text{Aire} = 210,11 \text{ cm}^2$$

$$\text{Volume} = 226,82 \text{ cm}^3$$

3.

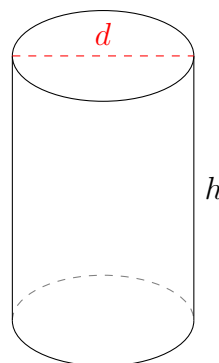


$$r = 3,45 \text{ dam} \quad h = 6,3 \text{ dam}$$

$$\text{Aire} = 211,35 \text{ dam}^2$$

$$\text{Volume} = 235,57 \text{ dam}^3$$

4.



$$d = 2,4 \text{ mm} \quad h = 3,5 \text{ mm}$$

$$\text{Aire} = 35,44 \text{ mm}^2$$

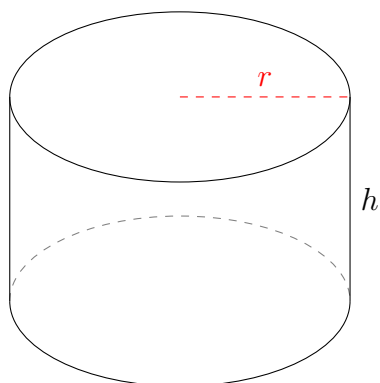
$$\text{Volume} = 15,83 \text{ mm}^3$$

Aire et Volume des Cylindres (J)

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.

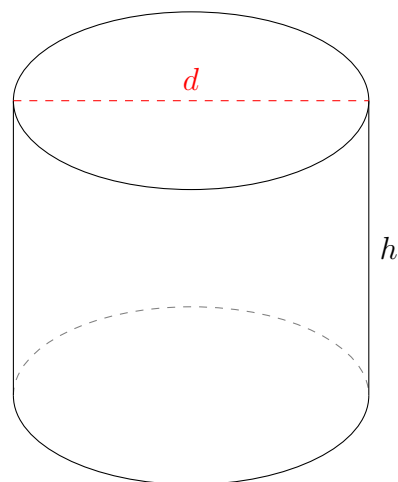


$$r = 2,25 \text{ dm} \quad h = 2,7 \text{ dm}$$

Aire =

Volume =

2.

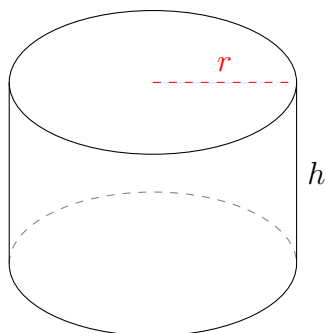


$$d = 14,1 \text{ hm} \quad h = 11,7 \text{ hm}$$

Aire =

Volume =

3.

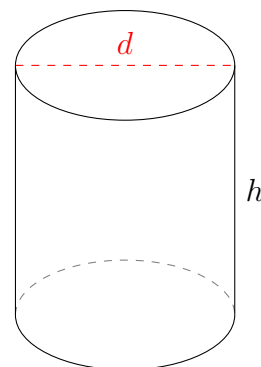


$$r = 1,9 \text{ dm} \quad h = 2,4 \text{ dm}$$

Aire =

Volume =

4.



$$d = 8,7 \text{ km} \quad h = 9,9 \text{ km}$$

Aire =

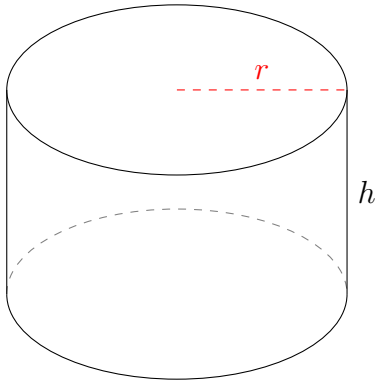
Volume =

Aire et Volume des Cylindres (J) 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.

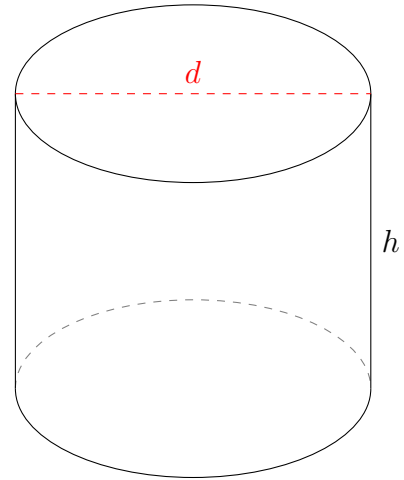


$$r = 2,25 \text{ dm} \quad h = 2,7 \text{ dm}$$

$$\text{Aire} = 69,98 \text{ dm}^2$$

$$\text{Volume} = 42,94 \text{ dm}^3$$

2.

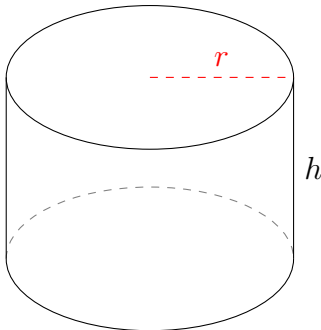


$$d = 14,1 \text{ hm} \quad h = 11,7 \text{ hm}$$

$$\text{Aire} = 830,56 \text{ hm}^2$$

$$\text{Volume} = 1826,9 \text{ hm}^3$$

3.

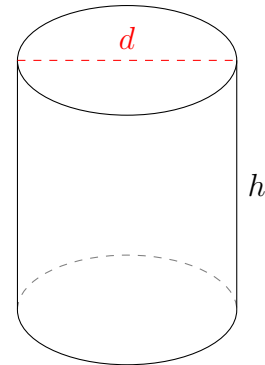


$$r = 1,9 \text{ dm} \quad h = 2,4 \text{ dm}$$

$$\text{Aire} = 51,33 \text{ dm}^2$$

$$\text{Volume} = 27,22 \text{ dm}^3$$

4.



$$d = 8,7 \text{ km} \quad h = 9,9 \text{ km}$$

$$\text{Aire} = 389,48 \text{ km}^2$$

$$\text{Volume} = 588,52 \text{ km}^3$$