

Mathématique Appliquée/Pré-Calcul 20S

Revue Les cylindres

Nom : _____

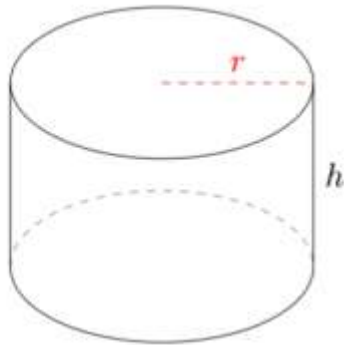
Date : _____

Aire cylindre = aire des deux bases + aires des côtés (latérales)

$$\text{Aire cylindre} = 2\pi r^2 + 2\pi rh$$

$$\text{Volume cylindre} = \pi r^2 h$$

1.

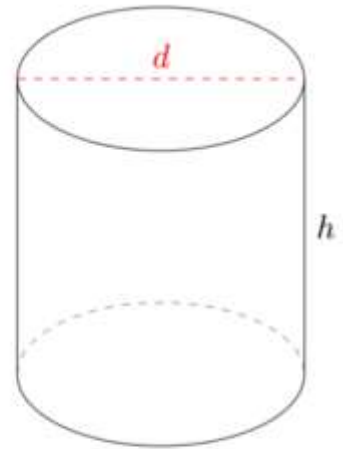


$$r = 5,7 \text{ km} \quad h = 6,9 \text{ km}$$

Aire =

Volume =

2.

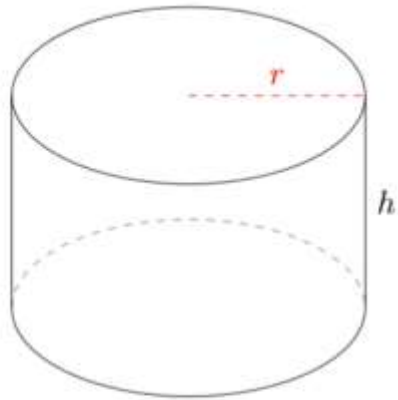


$$d = 10,8 \text{ dm} \quad h = 11,1 \text{ dm}$$

Aire =

Volume =

3.

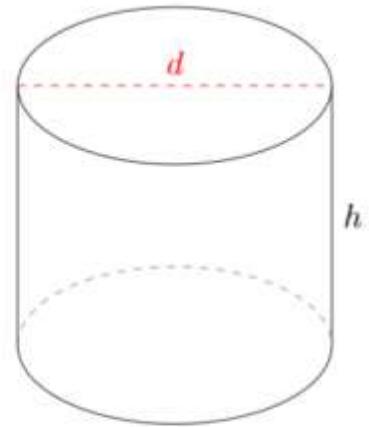


$$r = 11,25 \text{ dam} \quad h = 13,5 \text{ dam}$$

Aire =

Volume =

4.



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

Aire =

Volume =