

GM94 Toutes sortes de cylindres

a) $V = \pi \cdot 8^2 \cdot 75 = 4800 \pi \text{ cm}^3$

b) $h = \frac{4800\pi}{\pi \cdot 10^2} = 48 \text{ cm}$

c) $r = \sqrt{\frac{4800\pi}{\pi \cdot 12}} = 20 \text{ cm}$

d) $h = \frac{4800\pi}{\pi \cdot 40^2} = 3 \text{ cm}$

e) $h = \frac{4800\pi}{\pi \cdot 2^2} = 1200 \text{ cm}$