

Solution 8

$$T = 2\pi\sqrt{\frac{l}{g}}$$

$$[l] = L \quad [g] = L \cdot T^{-2} \text{ d'après l'exercice 6.}$$

$$\left[\frac{l}{g}\right] = \frac{L}{\frac{L}{T^2}} = T^2 \quad \left[\sqrt{\frac{l}{g}}\right] = \sqrt{T^2} = T$$

$$[2\pi] = 1 \text{ donc } [\text{période } T] = T$$