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Corde suspendue

$$1 - \text{---} \quad 1 - \text{---} \quad c = \sqrt{\frac{T}{\mu}} = \sqrt{\frac{g \mu x}{\mu}} = \sqrt{g x}$$

$$2 - \text{---} \quad l - \text{---} \quad c = \frac{dx}{dt} = \sqrt{g x} \rightarrow \int \frac{dx}{\sqrt{g x}} = \int \frac{1}{\sqrt{g}} \frac{1}{\sqrt{x}} dt \rightarrow \frac{1}{\sqrt{g}} 2\sqrt{x} = t = \underline{\underline{2\sqrt{\frac{L}{g}}}}$$