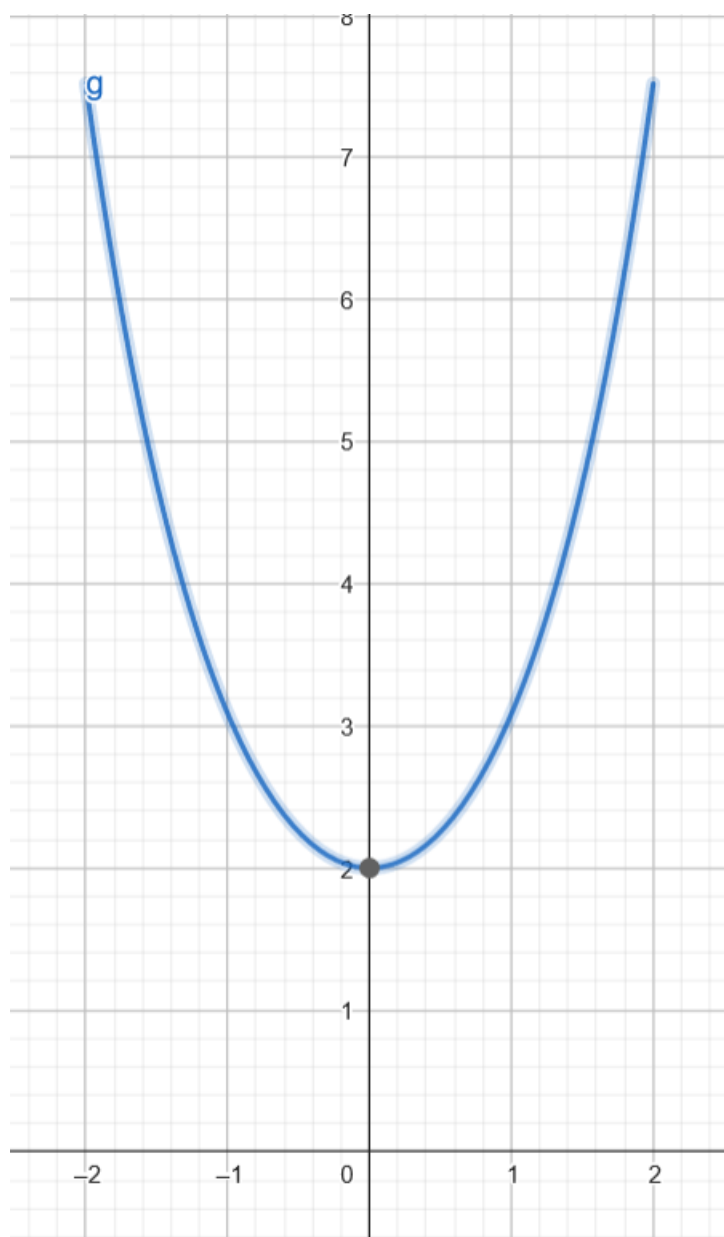


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### Opgave 413



Define:  $f(x) = e^x + e^{-x}$

$$A = \int_{-1}^1 e^x + e^{-x} dx$$

$$A \approx 4,700805$$

$$L = \int_{-1}^1 \sqrt{1 + f'(x)^2} dx$$

$$L \approx 3,103778$$