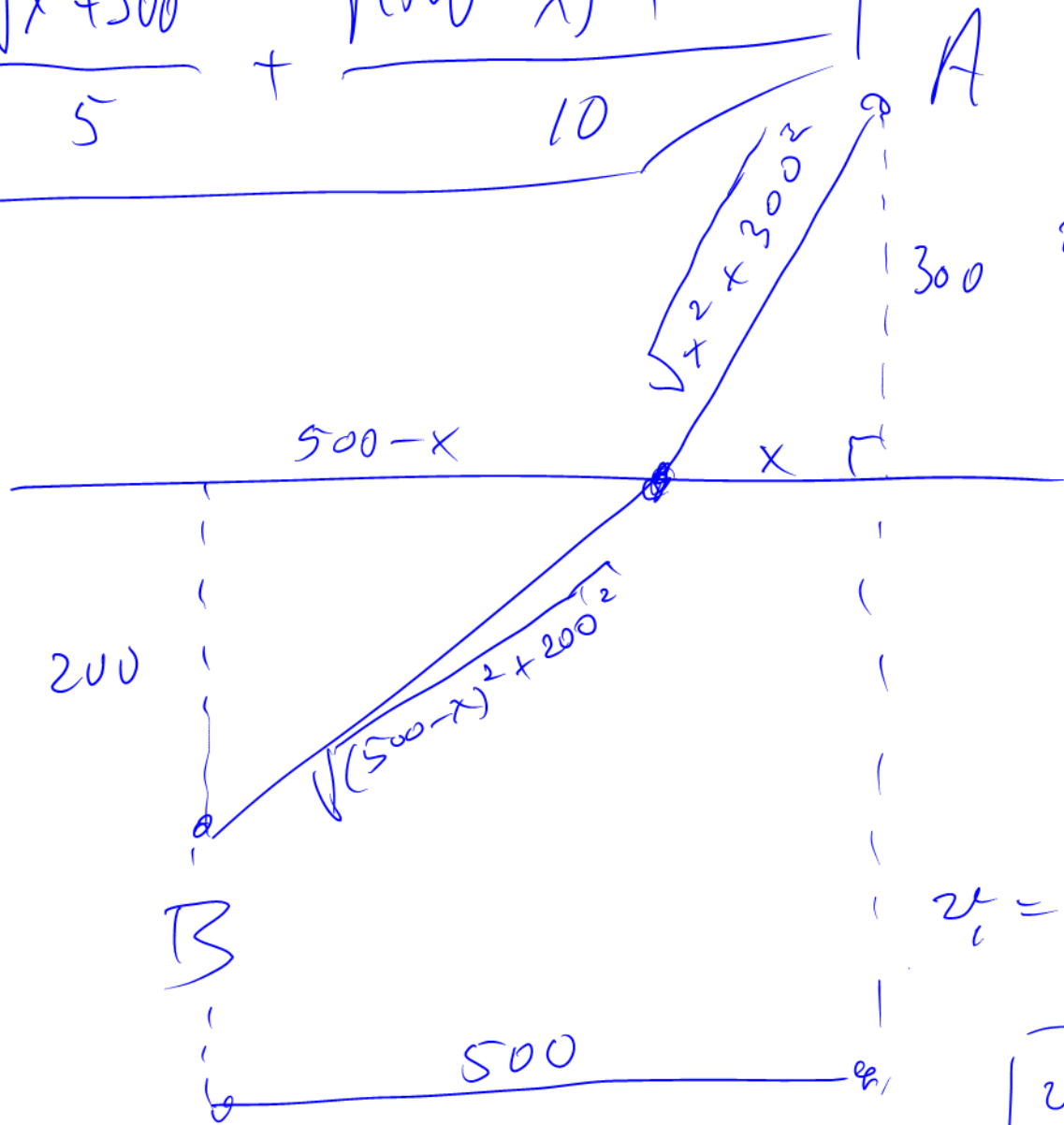


$$t(x) = \frac{\sqrt{x^2 + 300^2}}{5} + \frac{\sqrt{(500-x)^2 + 200^2}}{10}$$



$$v_2 = 5 \frac{\text{m}}{\text{s}}$$

$$v_1 = 10 \frac{\text{m}}{\text{s}}$$

$$v = \frac{\Delta s}{\Delta t} \quad \left| \quad \Delta t = \frac{\Delta s}{v} \right|$$

Algebra vindue

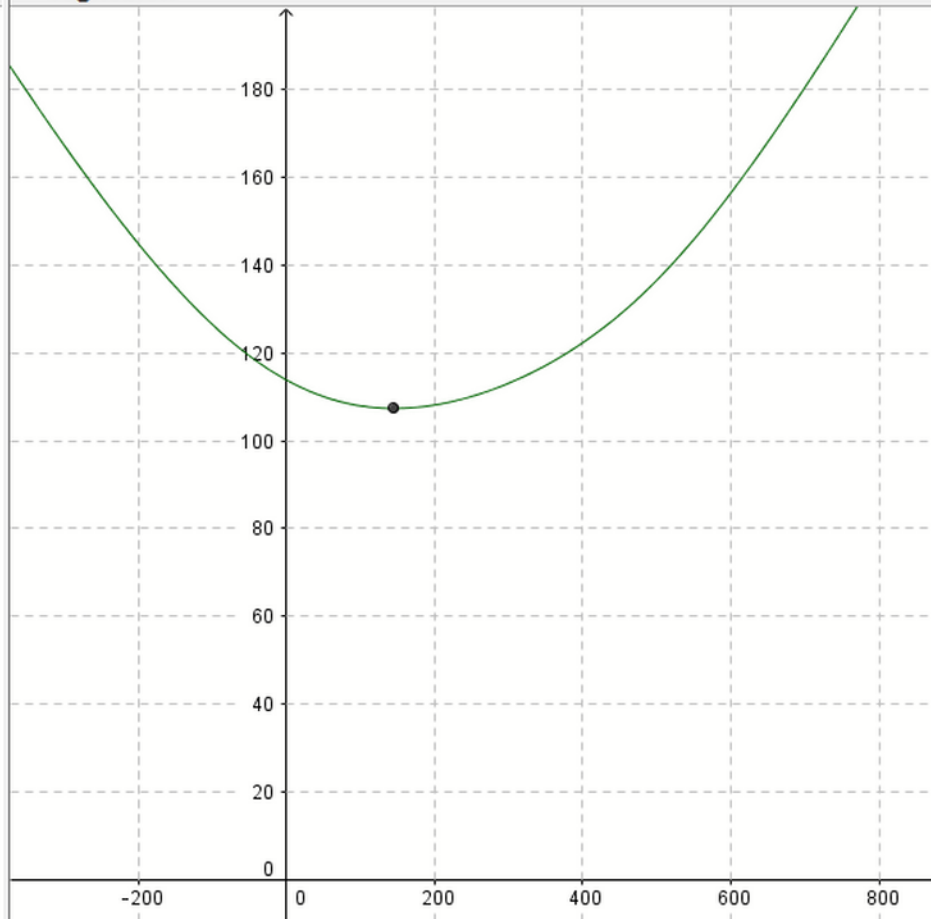
Funktion

$$f(x) = \frac{\sqrt{x^2 + 90000}}{5} + \frac{\sqrt{(500 - x)^2 + 40000}}{10}$$

Punkt

$$A = (145.17, 107.39)$$

Tegneblok



MINIMALT TIDSFORBRUG
107,39 SEKUNDER
107 S

VED

$$x = \underline{145,17 \text{ m}}$$

$$\underline{145 \text{ m}}$$

