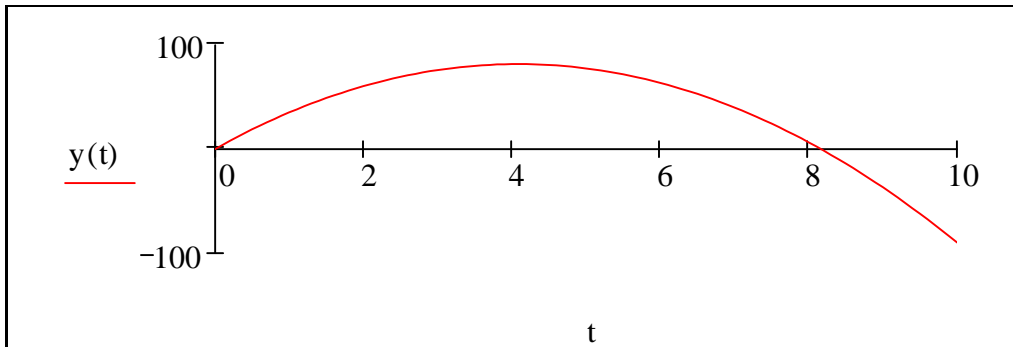


$$v_0 := 40$$

$$y(t) := v_0 \cdot t - \frac{1}{2} \cdot 9.8 \cdot t^2$$

$$t := 0, 0.1 .. 10$$



$$t := 10$$

Starting guess for t .

Given

$$y(t) = 0$$

$$t := \text{Find}(t)$$

Given

$$y(t) \text{ [Ctrl=]} 0$$

$$t : \text{Find}(t)$$

Note:

Be careful not to type a space after "Given" or else it will change from math to text.

$$t = 8.163$$

Double-click to format.

$$y(t) = 5.354 \times 10^{-5}$$

Check answer.