

v.0 : 30 + 10

$$v_0 := 30 + 10$$

v.0 =

$$v_0 = 40$$

y(t) : - 1/2 [Space] * 9.8 * t^2 [Space] + v.0*t

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

$$y(5) = 77.5$$

"Maximum height?"

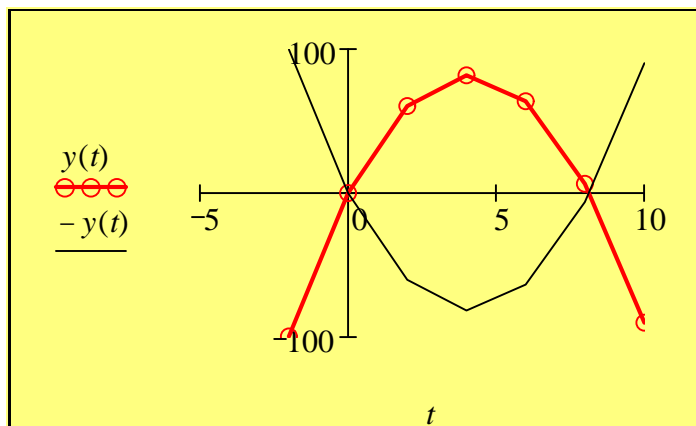
Maximum height?

t : -2, 0 ; 10

$$t := -2, 0 .. 10$$

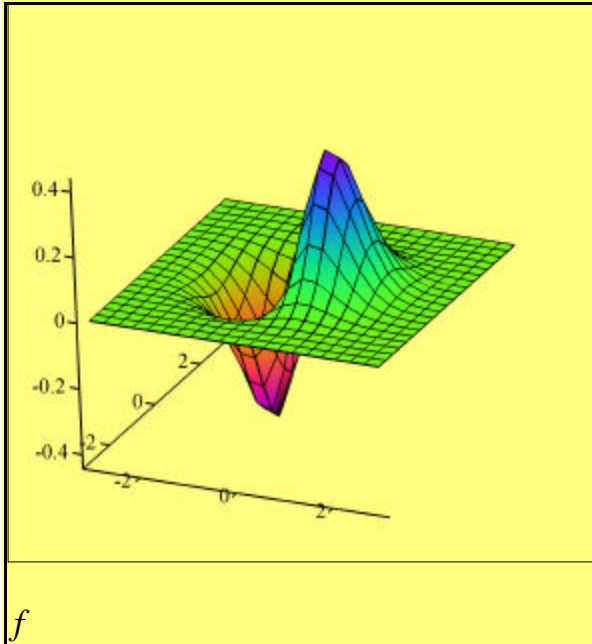
@ t [Tab] [Tab] y(t) , -y(t)

t =	y(t) =
-2	-99.6
0	0
2	60.4
4	81.6
6	63.6
8	6.4
10	-90



[Double-click] to format

$$f(x,y) := x \cdot e^{-(x^2+y^2)}$$



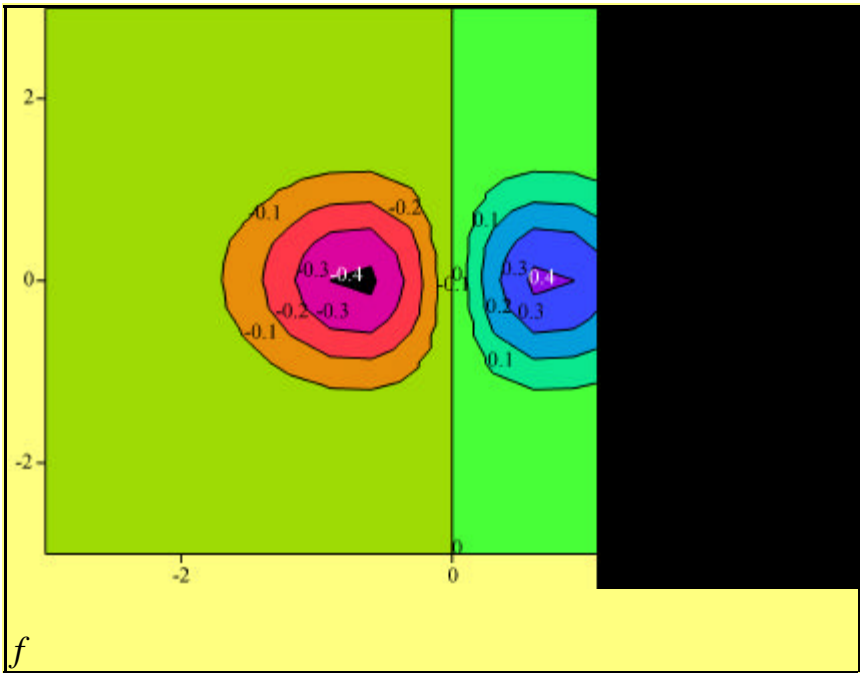
[Ctrl @] f

[Double-click] to format:

QuickPlot Data: -3 3 20

Appearance: Fill Surface
Colormap

Advanced: Colormap Fire



[Ctrl %]

[Double-click] to format