Plot the following curves that are given parametrically as:

a) $x = t(t-2)$ and $y = t+4$
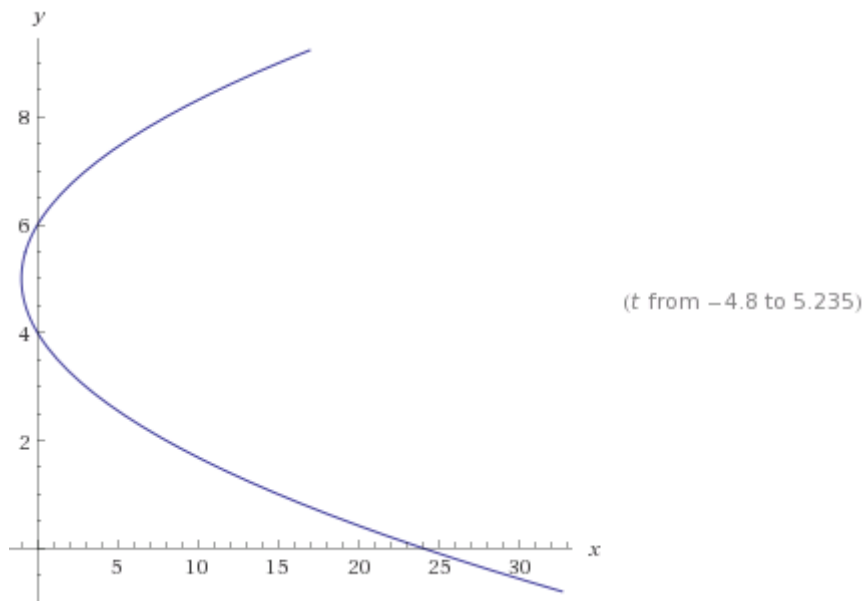
b) $x = t^2$ and $y = t^3 - t$ for $-1 \le t \le 1$

Solution

Plot the following curves that are given parametrically as:

We use WolframAlpha.

a) $x = t(t-2)$ and $y = t+4$

(t from -4.8 to 5.235)

b) $x = t^2$ and $y = t^3 - t$ for $-1 \le t \le 1$

(t from -1 to 1)