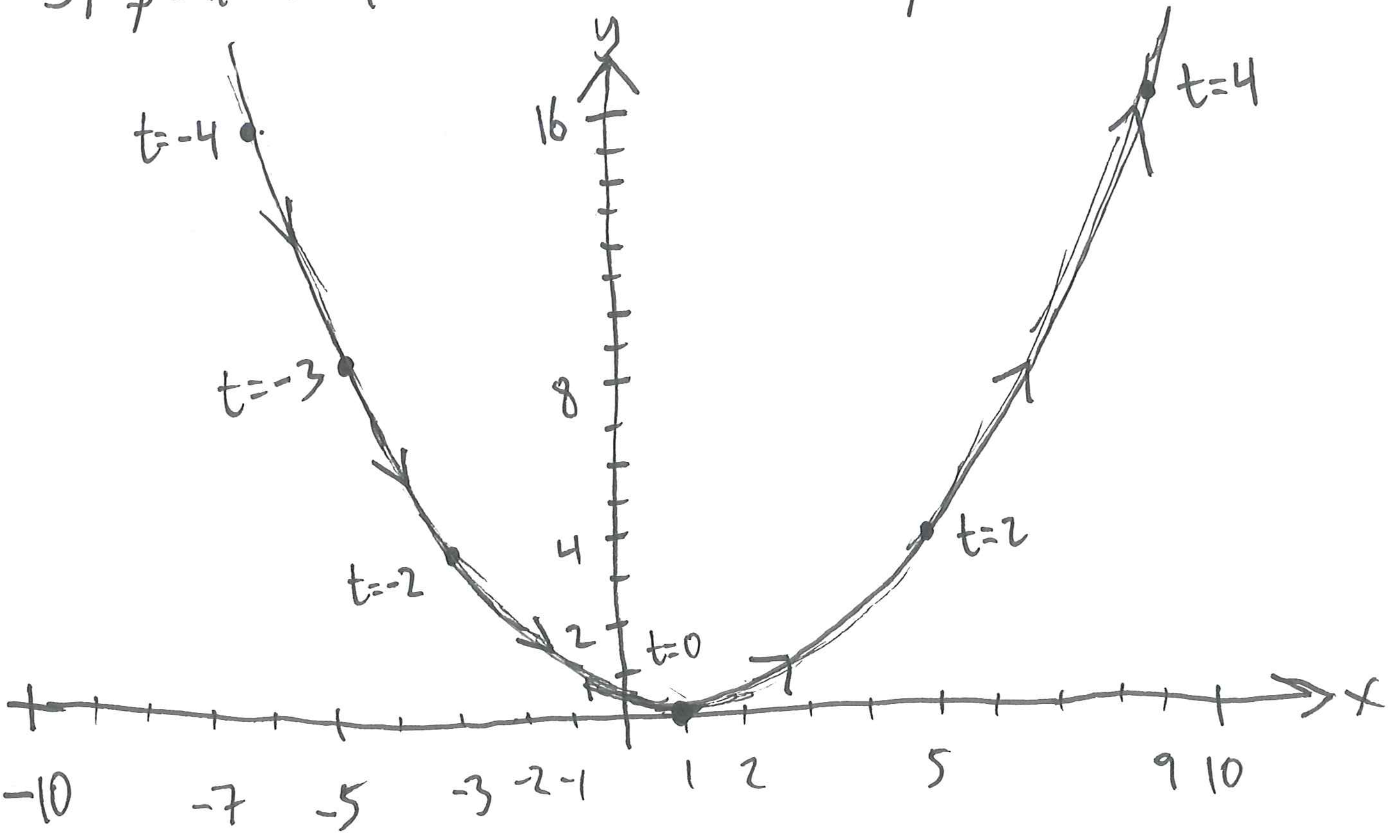
8.2.1

$$\begin{cases} x = 1 + 2t \\ y = t^2 \end{cases} \quad (-\infty < t < \infty)$$

t	~~-6~~	-4	-2	0	2	4	~~6~~	-3
x	~~-11~~	-7	-3	1	5	9	~~13~~	-5
y	~~36~~	16	4	0	4	16	~~36~~	9



8.2.1 Forts.

$x = 1+2t$

$y = t^2$

$1+2t = x$

$2t = x-1$

$t = \frac{1}{2}(x-1)$

$y = \left(\frac{1}{2}(x-1)\right)^2$

$y = \frac{1}{4}(x-1)^2$

$y = \frac{1}{4}(x^2-2x+1)$

$y = \frac{1}{4}x^2 - \frac{1}{2}x + \frac{1}{4}$