



c)
$$x = \frac{t-2}{t+2}$$
 tin see.

i.
$$t=0$$
. $c=\frac{-2}{2}$

$$ii \quad c = 1 - \frac{4}{1+2}$$

acceleration =

$$=-\frac{8}{(1+2)^3}$$



BOARD OF STUDIES
$\frac{1}{t^2+4t+4}=0$
f2+4+++=0.
(++2)(++2)=0
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+>0.
. The particle never noto became +30.
iv. dimiting velocity.
linit when a = 0.
$-\frac{8}{11} - \frac{6}{11+3} = 0.$
$-(++3)^{3} = 0$ $-(++3)(+^{2}-3++9) = 0$ (+ east d
-(t+3)(t-3t+9)=0. (t and d \vdots $t=-3$ m.