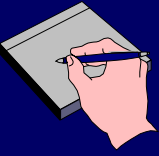


Example

Time Dilation



v/c	γ
0.1	1.005
0.2	1.021
0.5	1.155
0.9	2.294
0.99	7.089
0.999	22.366
0.9999	70.712
0.99999	223.607
0.999999	707.107
0.9999999	2236.068

$$\gamma = \frac{1}{\sqrt{1 - \frac{v^2}{c^2}}}$$
$$\Delta t = \gamma \Delta t_0$$