$$\gamma = \frac{1}{\sqrt{1 - v^2/c^2}}$$

Brown's team	(x, t)
Fred's team	(x', t')

a

Event 1	$x_1 =$	$t_1 =$
Event 2	$x_2 =$	$t_2 =$
Event 3	$x_3 =$	$t_3 =$

Event 1	$x'_1 =$	$t'_1 =$
Event 2	$x'_2 =$	$t'_2 =$
Event 3	$x'_3 =$	$t'_3 =$

Event 1	$x_1 =$	$t_1 =$	$x'_1 =$	$t'_1 =$
Event 2	$x_2 =$	$t_2 =$	$x'_2 =$	$t'_2 =$
Event 3	$x_3 =$	$t_3 =$	$x'_3 =$	$t'_3 =$