

5.

$$\gamma = (1 - v^2/c^2)^{-1/2}$$

$$\gamma = 1 / [1 - (0.95c)^2 / c^2]^{-1/2}$$

$$\gamma = [1 - (0.95)^2]^{-1/2} = (1 - 0.9025)^{-1/2}$$

$$\gamma = 1 / (0.0975)^{1/2} = 1 / 0.3122$$

$$\gamma = 3.203$$

This tells us that at a speed of 95% the speed of light the relativistic effects must be considered.