[mex213] Two views of an event

Inertial frame S' is moving with velocity $v = +0.5c$ relative to inertial frame S. Consider the events P at $x = 1.8$m, $ct = 1.4$m and event Q at $x' = 1.0$m, $ct' = 2.0$m. Draw a Minkowski diagram to scale on graph paper and determine the coordinates of both event in the other frame by graphical construction.

Solution: