TL-3

Measurements of the voltage and current at two points of a section of a 100 Ω transmission line were made at $t = 0$. The distance between the two points is 0.4 m. If the velocity of the line is 2×10^8 m/s (slower than the vacuum speed of light), what will be the voltage V and current I at the midpoint between these two points at $t = 2$ ns?