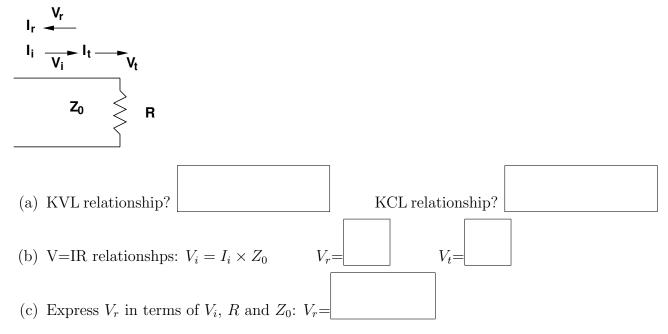
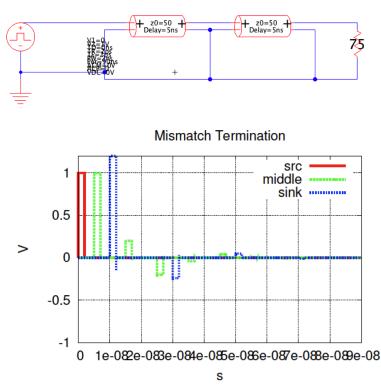
$$w = \frac{1}{\sqrt{LC}} \tag{1}$$

1. Considering the end of a transmission line instantaneously when a pulse arrives:



- 2. What happens at source end of transmission line?
- 3. Below we see what happens when a short-circuit source drives a 50Ω line with a 75Ω termination.



4. Transmission Line Termination Fill in the table below and match the following transmission line circuits (1-5) with the correct pulse propagation plot (a-d) for sending a pulse down the transmission lines to a resistive load. There is intentionally one less plot than circuit. The effective resistance seen into the source is a short circuit.

