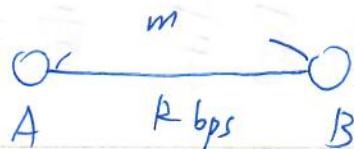


p6.



$$p = s \text{ (m/s)}$$



$$(a) \quad d_{\text{prop}} = \frac{m}{s} \text{ (seconds)}$$

$$(b) \quad d_{\text{trans}} = \frac{L}{R} \text{ (seconds)}$$

$$(c) \quad \text{end-to-end delay} = d_{\text{prop}} + d_{\text{trans}} = \frac{m}{s} + \frac{L}{R}$$

(d) at time $t = d_{\text{trans}}$, the last bit just left host A and started to propagate along the link.

(e) $d_{\text{prop}} > d_{\text{trans}}$, when $t = d_{\text{trans}}$, the first bit of the packet is still propagating along the link and it is $\left(\frac{d_{\text{prop}} - d_{\text{trans}}}{d_{\text{prop}}} \right) \times m$ (meters)

away from host B