Module 4 Token Ring

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Ring Latency =

$$\tau' = \frac{d}{v} + \frac{Mb}{R}$$ ✓

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$$\tau' = \frac{d \times R + Mb \times v}{v + R}$$

Question :

Data Rate $R = 4$ Mbps

No. of Stations $M = 20$ stations at 100 meters

Latency at each station $b = 2.5$ bits

Answer :

$$\tau' = \frac{100}{2 \times 10^8} + \frac{20 \times 2.5}{4 \times 10^6}$$