

### 6.1.8.3 BTR Example 3

Q: TPS 1000  
TS 250 bytes

max data throughput in Megabits per second (Mbps)

Solution ①

Total Data per second in Bytes.

$$= \text{TPS} \times \text{TS}$$

$$= 1000 \times 250$$

$$= 250,000 \text{ bytes}$$

② convert bytes to bits

$$250000 \times 8 = 2,000,000$$

③ convert to Mbps

$$\frac{2,000,000}{1,000,000} = 2 \text{ Mbps}$$