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Unity 10: tcao

2. 
$$dprop = \frac{5 \times 10^{6} m}{2 \times 10^{8} m/5} = 25 ms$$
  
 $dtrons = 15 \times 50 Ms = 0.75 ms << 25 ms$ 

So the switching time would not be a major factor.

3. 
$$\#: n = \frac{8}{7}$$
 Otrans =  $\frac{1}{5}$ 

(i) Circuit - Switched: 
$$T_1 = S + \frac{P}{b} \times n + k \cdot d = S + \frac{N}{b} + k \cdot d$$

(ii) Pachet - Suitched: 
$$T_2 = \frac{P}{b} \times n + (\kappa - 1) \cdot \frac{P}{b} + k \cdot d$$

Under the (\*) in equality, packer - Switched have lower delay