$$1C = loo \times do = dooo$$

$$(och | loo \times do) = dooo$$

$$Clock | Rate = 1 | GHZ$$

$$CpI = 1, Yd$$

$$MIPS = \frac{clock | Rate}{cpI | x | lo } = \frac{1 | x | lo}{1/Id x | lo } = 100$$

$$IC = 10^{\circ} \Rightarrow \{A, B\} \qquad (0 \times 10) - Y$$

$$|A B| \qquad CpI = Y,$$

$$|C = 10^{\circ} \Rightarrow CpI = Y,$$

$$|C = 10^{\circ}$$

B كاندار السراك از من كا

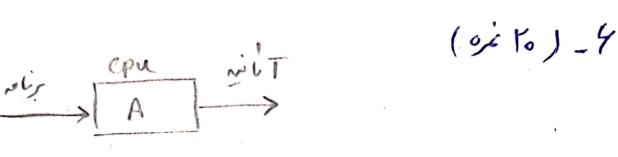
(0/ To) -1° Ear 1 1/2 -16.1. 16.1. 100 ill: vije mes l'is vijo speed up 11 jelans] que time = 1XFo + DXTo + TXTo = Two

Clock rater = CR IXEO + YXTO + YXTO que time 2 = 190 clock Rate Ta. = ont xTexe - ta. CRXONT

$$t_{1/0} = \frac{1}{10} \times \frac{10}{10} \times \frac{10}{10} \times \frac{10}{10} = \frac{1}{10} \times \frac{10}{10} \times \frac{10}{10} \times \frac{10}{10} = \frac{1}{10} \times \frac{10}{10} \times \frac{10}{10} = \frac{1}{10} \times \frac{10}{10} \times \frac{10}{10} \times \frac{10}{10} = \frac{10}{10} \times \frac{$$

عن فرفن سم طرسر العلى فرز ، كنية ب زياده فالمدارة (x-6)++ (a+16) XI > [b= F12x109] in oficioles out me

(0×10) - W cputine = 160 S multiplication time = 40 s new_quetime = loo = to s (Amdahl's Law): $F_0 = \frac{90}{n} + F_0$



(Dondahl's Law):

عنی در می کورناد مرصوران مواندی موتند کرده به مروان مربع لا وابر سرعد عمل دمل مافت