

Soal No 7

Diketahui :

- memory access (**ma**) = **200 ns**
- **page fault time** = **10 ms**
- probabilitas (**p**) = Terdapat **10.000 ma** terdapat **10 page fault**

Ditanya :

- Effective access time atau (EAT)

Rumus :

- $EAT = ((1 - p) \times ma) + (p \times \text{page fault time})$

Dijawab :

$$\text{- EAT} = ((1 - p) \times ma) + (p \times \text{page fault time})$$

Pertama, Masukkan Rumus

Dijawab :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$

Untuk variabel p jangan di
masukkan nilainya dulu tapi
disederhanain dulu biar gampang
dan g susah

**Kedua, Masukkan nilai yang
diketahui kedalam Rumus**

Diketahui :

- memory access (ma) = 200 ns
- $\text{page fault time} = 10 \text{ ms}$
- probabilitas (p) = Terdapat 10.000 ma
terdapat 10 page fault

Dijawab :

$$\text{- EAT} = ((1 - p) \times ma) + (p \times \text{page fault time})$$

$$\text{- EAT} = ((1 - p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$$

Ketiga, Samakan satuan waktu ma dan page fault time menjadi nanosecond (ns)

$ma = 200 \text{ nanosecond (ns)}$

page fault time = 10 milisecond (ms)

Dijawab :

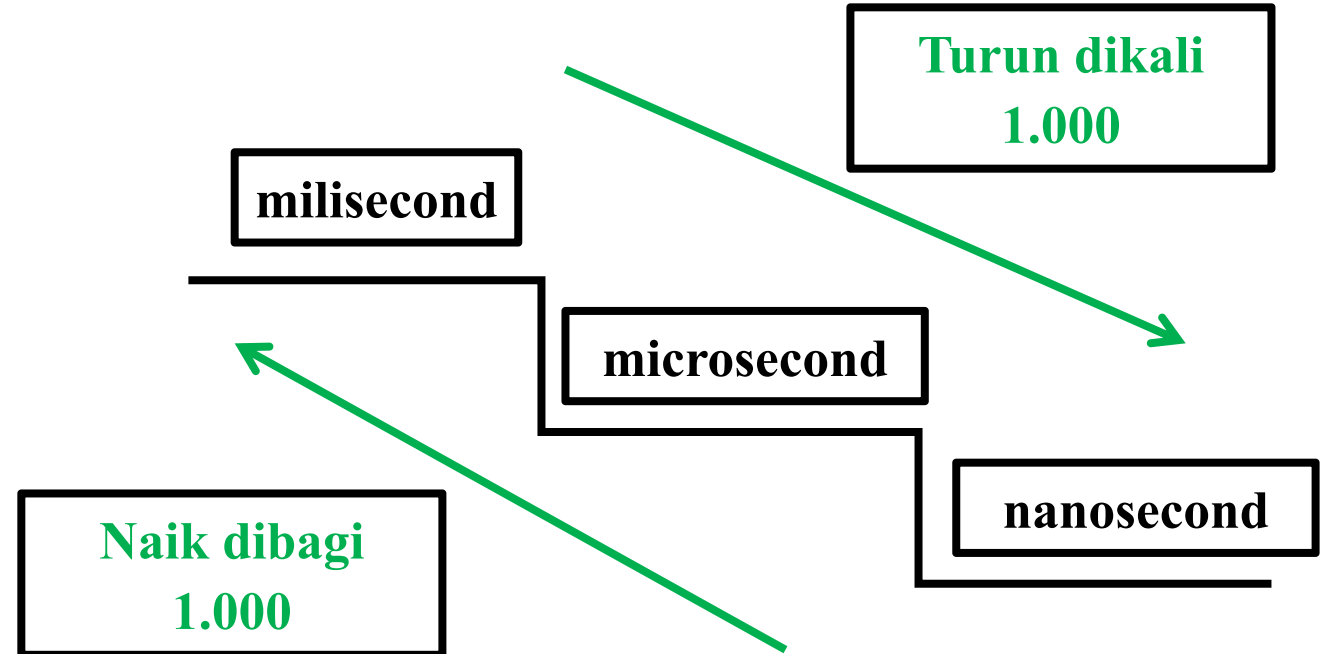
$$- \text{EAT} = ((1-p) \times \text{ma}) + (p \times \text{page fault time})$$

$$- \text{EAT} = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$$

Ketiga, Samakan satuan waktu **ma** dan **page fault time** menjadi **nanosecond (ns)**

ma = 200 nanosecond (ns)
page fault time = 10 milisecond (ms)

Karena **ma** sudah nanosecond maka tinggal mengubah **page fault time**



Dijawab :

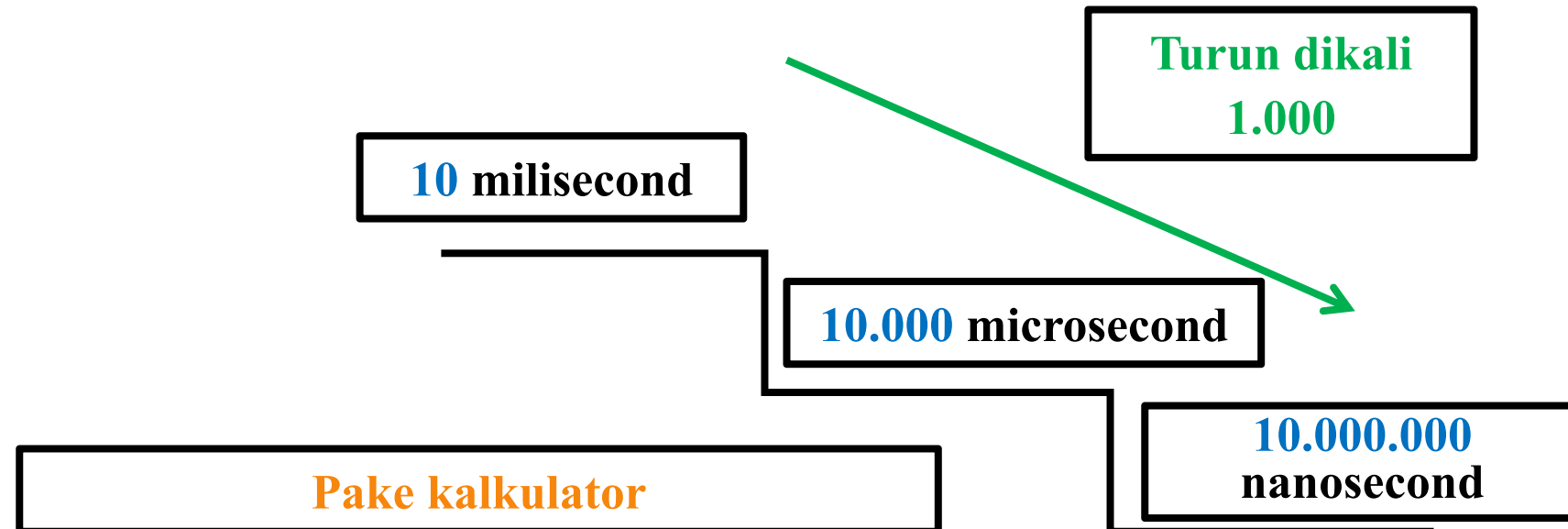
$$- \text{EAT} = ((1-p) \times \text{ma}) + (p \times \text{page fault time})$$

$$- \text{EAT} = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$$

Ketiga, Samakan satuan waktu **ma** dan **page fault time** menjadi **nanosecond (ns)**

ma = 200 nanosecond (ns)
page fault time = 10 milisecond (ms)

Karena **ma** sudah **nanosecond** maka tinggal mengubah **page fault time**



Dijawab :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$

Ketiga, Samakan satuan waktu ma dan page fault time menjadi nanosecond (ns)

$ma = 200 \text{ nanosecond (ns)}$
page fault time = 10 milisecond (ms)

Karena ma sudah nanosecond maka tinggal mengubah page fault time

$10 \text{ ms} = 10.000.000 \text{ nanosecond (ns)}$

Dijawab :

$$\text{- EAT} = ((1-\text{p}) \times \text{ma}) + (\text{p} \times \text{page fault time})$$

$$\text{- EAT} = ((1-\text{p}) \times 200 \text{ ns}) + (\text{p} \times 10 \text{ ms})$$

$$\text{- EAT} = ((1-\text{p}) \times 200 \text{ ns}) + (\text{p} \times 10.000.000 \text{ ns})$$



$$((1-\text{p}) \times 200 \text{ ns})$$

**Keempat, dikalikan sesuai yang ada
didalam kurung**

Dijawab :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$

Keempat, dikalikan sesuai yang ada
didalam kurung

$$\begin{aligned} & ((1-p) \times 200 \text{ ns}) = 200 \\ & ((1-p) \times 200 \text{ ns}) = -200p \\ & (200 - 200p) \end{aligned}$$

Satuan ns tidak perlu ditulis lagi karena
satunya tidak diganti

Dijawab :

$$- \text{EAT} = ((1-p) \times ma) + (p \times \text{page fault time})$$

$$- \text{EAT} = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$$

$$- \text{EAT} = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$$

$$- \text{EAT} = (200 - 200p) +$$



$$(p \times 10.000.000 \text{ ns}) = 10.000.000p$$

Satuan ns tidak perlu ditulis lagi karena satuannya tidak diganti

Keempat, dikalikan sesuai yang ada didalam kurung

Dijawab :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$
- $EAT = (200 - 200p) + (10.000.000p)$

**Keempat, dikalikan sesuai yang ada
didalam kurung**

Dijawab :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$
- $EAT = (200 - 200p) + (10.000.000p)$

Kelima, dijabarkan sesuai variabel yang sama

Contoh Variabel = p



Dijawab :

$$\text{- EAT} = ((1-p) \times \text{ma}) + (p \times \text{page fault time})$$

$$\text{- EAT} = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$$

$$\text{- EAT} = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$$

$$\text{- EAT} = (200 - 200p) + (10.000.000p)$$



$$200 - 200p + 10.000.000p$$

Kelima, dijabarkan sesuai variabel yang sama

Contoh Variabel = p

Dijawab :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$
- $EAT = (200 - 200p) + (10.000.000p)$

Kelima, dijabarkan sesuai variabel yang sama

Contoh Variabel = p

$$200 - 200p + 10.000.000p$$

$$200 + (-200p + 10.000.000p)$$

Dikurungkan mulai dari -200p karena sama dengan 10.000.000p dan 200 dibiarkan sendiri sampai variabelnya sama

Dijawab :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$
- $EAT = (200 - 200p) + (10.000.000p)$
- $EAT = 200 + (-200p + 10.000.000p)$



$$\begin{array}{r} 10.000.000p \\ - 200p \\ \hline 9.999.800p \end{array}$$

Pake kalkulator biar g ribet

Kelima, dijabarkan sesuai variabel yang sama

Kemudian dihitung lah masa diliatin :v

Dijawab :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$
- $EAT = (200 - 200p) + (10.000.000p)$
- $EAT = 200 + (-200p + 10.000.000p)$
- $EAT = 200 + 9.999.800p \text{ nanosecond}$

Keenam, g bisa dihitung karena beda variabel, maka masukin yang diketahui lagi

Dijawab :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$
- $EAT = (200 - 200p) + (10.000.000p)$
- $EAT = 200 + (-200p + 10.000.000p)$
- $EAT = 200 + 9.999.800p \text{ nanosecond}$

Keenam, g bisa dihitung karena beda variabel, sekarang baru masukin variabel p

Diketahui :

- probabilitas (p) = Terdapat 10.000 ma terdapat 10 page fault

Caranya : $p = 10 / 10.000$

9.999.800p

nanosecondnya g usah peduliin dulu

Dijawab :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$
- $EAT = (200 - 200p) + (10.000.000p)$
- $EAT = 200 + (-200p + 10.000.000p)$
- $EAT = 200 + 9.999.800p \text{ nanosecond}$



Caranya : $p = 10 / 10.000$

$$9.999.800p = 9.999.800(10/10.000)$$


Keenam, g bisa dihitung karena beda variabel, sekarang baru masukin variabel p

Diketahui :

- probabilitas (p) = Terdapat 10.000 ma terdapat 10 page fault

Dijawab :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$
- $EAT = (200 - 200p) + (10.000.000p)$
- $EAT = 200 + (-200p + 10.000.000p)$
- $EAT = 200 + 9.999.800p \text{ nanosecond}$
- $EAT = 200 + 9.999.800(10/10.000) \text{ nanosecond}$


$$\frac{9.999.800 \times 10}{10.000} = \frac{99.998.000}{10.000}$$

Ketujuh, hitung lagi tapi yang ada kurungan dikerjain dulu baru ditambah

Dijawab :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$
- $EAT = (200 - 200p) + (10.000.000p)$
- $EAT = 200 + (-200p + 10.000.000p)$
- $EAT = 200 + 9.999.800p \text{ nanosecond}$
- $EAT = 200 + 9.999.800(10/10.000) \text{ nanosecond}$
- $EAT = 200 + (99.998.000/10.000) \text{ nanosecond}$



$$\frac{99.998.000}{10.000} = 9.999,8$$

Kedelapan, hitung lagi tapi yang di kurungan dikerjakan dulu baru ditambah

Pake kalkulator aja gan

Dijawab :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$
- $EAT = (200 - 200p) + (10.000.000p)$
- $EAT = 200 + (-200p + 10.000.000p)$
- $EAT = 200 + 9.999.800p \text{ nanosecond}$
- $EAT = 200 + 9.999.800(10/10.000) \text{ nanosecond}$
- $EAT = 200 + (99.998.000/10.000) \text{ nanosecond}$
- $EAT = 200 + 9.999,8 \text{ nanosecond}$

Kesembilan, tinggal ditambahin

Pake kalkulator #2

Dijawab :

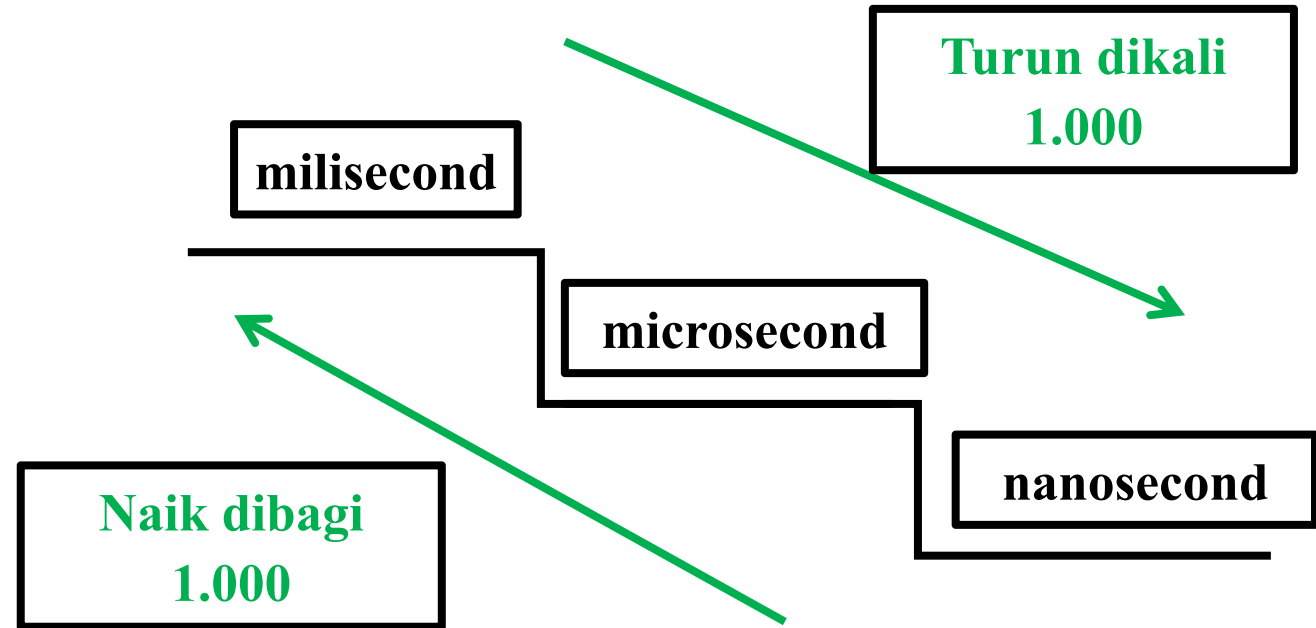
- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$
- $EAT = (200 - 200p) + (10.000.000p)$
- $EAT = 200 + (-200p + 10.000.000p)$
- $EAT = 200 + 9.999.800p \text{ nanosecond}$
- $EAT = 200 + 9.999.800(10/10.000) \text{ nanosecond}$
- $EAT = 200 + (99.998.000/10.000) \text{ nanosecond}$
- $EAT = 200 + 9.999,8 \text{ nanosecond}$
- $EAT = 10.199,8 \text{ nanosecond}$

**Kesepuluh, ubah dari satuan nanosecond
jadi bentuk microsecond**

Dijawab :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$
- $EAT = (200 - 200p) + (10.000.000p)$
- $EAT = 200 + (-200p + 10.000.000p)$
- $EAT = 200 + 9.999.800p \text{ nanosecond}$
- $EAT = 200 + 9.999.800(10/10.000) \text{ nanosecond}$
- $EAT = 200 + (99.998.000/10.000) \text{ nanosecond}$
- $EAT = 200 + 9.999,8 \text{ nanosecond}$
- $EAT = 10.199,8 \text{ nanosecond}$

Kesepuluh, ubah dari satuan nanosecond
jadi bentuk microsecond



Sekarang baru peduliin satuan waktunya

Dijawab :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$
- $EAT = (200 - 200p) + (10.000.000p)$
- $EAT = 200 + (-200p + 10.000.000p)$
- $EAT = 200 + 9.999.800p \text{ nanosecond}$
- $EAT = 200 + 9.999.800(10/10.000) \text{ nanosecond}$
- $EAT = 200 + (99.998.000/10.000) \text{ nanosecond}$
- $EAT = 200 + 9.999,8 \text{ nanosecond}$
- $EAT = 10.199,8 \text{ nanosecond}$

Kesepuluh, ubah dari satuan nanosecond
jadi bentuk microsecond

10,1998
microsecond

10.199,8
nanosecond

Naik dibagi
1.000

Pake kalkulator #3

Dijawab :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$
- $EAT = (200 - 200p) + (10.000.000p)$
- $EAT = 200 + (-200p + 10.000.000p)$
- $EAT = 200 + 9.999.800p \text{ nanosecond}$
- $EAT = 200 + 9.999.800(10/10.000) \text{ nanosecond}$
- $EAT = 200 + (99.998.000/10.000) \text{ nanosecond}$
- $EAT = 200 + 9.999,8 \text{ nanosecond}$
- $EAT = 10.199,8 \text{ nanosecond}$
- $EAT = 10,1998 \text{ microsecond}$

**Kesepuluh, ubah dari satuan nanosecond
jadi bentuk microsecond**

**Satuannya jadi microsecond, singkatan
microsecond kalo g salah bukan ms**

Dijawab :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$
- $EAT = (200 - 200p) + (10.000.000p)$
- $EAT = 200 + (-200p + 10.000.000p)$
- $EAT = 200 + 9.999.800p \text{ nanosecond}$
- $EAT = 200 + 9.999.800(10/10.000) \text{ nanosecond}$
- $EAT = 200 + (99.998.000/10.000) \text{ nanosecond}$
- $EAT = 200 + 9.999,8 \text{ nanosecond}$
- $EAT = 10.199,8 \text{ nanosecond}$
- $EAT = 10,1998 \text{ microsecond}$

**Kesebelas, bulatkan jadi 1 angka
dibelakang koma**

Rumus membulatkan angka :

0 - 4 : Angkanya tetap

5 - 9 : Naik 1 angka

Dijawab :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$
- $EAT = (200 - 200p) + (10.000.000p)$
- $EAT = 200 + (-200p + 10.000.000p)$
- $EAT = 200 + 9.999.800p \text{ nanosecond}$
- $EAT = 200 + 9.999.800(10/10.000) \text{ nanosecond}$
- $EAT = 200 + (99.998.000/10.000) \text{ nanosecond}$
- $EAT = 200 + 9.999,8 \text{ nanosecond}$
- $EAT = 10.199,8 \text{ nanosecond}$
- $EAT = 10,1998 \text{ microsecond}$

**Kesebelas, bulatkan jadi 1 angka
dibelakang koma yaitu angka 1
dibulatkan dari ,1998**

Rumus membulatkan angka :
0 - 4 : Angkanya tetap
5 - 9 : Naik 1 angka

**Karena dibelakang koma ada 4 angka, maka yang dilihat
dari ,1998 cukup angka sebelumnya yaitu 9**

Dijawab :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$
- $EAT = (200 - 200p) + (10.000.000p)$
- $EAT = 200 + (-200p + 10.000.000p)$
- $EAT = 200 + 9.999.800p \text{ nanosecond}$
- $EAT = 200 + 9.999.800(10/10.000) \text{ nanosecond}$
- $EAT = 200 + (99.998.000/10.000) \text{ nanosecond}$
- $EAT = 200 + 9.999,8 \text{ nanosecond}$
- $EAT = 10.199,8 \text{ nanosecond}$
- $EAT = 10,1998 \text{ microsecond}$

**Kesebelas, bulatkan jadi 1 angka
dibelakang koma yaitu angka 1
dibulatkan dari ,1998**

Rumus membulatkan angka :

0 - 4 : Angkanya tetap

5 - 9 : Naik 1 angka

**Sesuai rumus angka 9 berarti naik 1 angka jadi angka 1
naik jadi angka.....**

Dijawab :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$
- $EAT = (200 - 200p) + (10.000.000p)$
- $EAT = 200 + (-200p + 10.000.000p)$
- $EAT = 200 + 9.999.800p \text{ nanosecond}$
- $EAT = 200 + 9.999.800(10/10.000) \text{ nanosecond}$
- $EAT = 200 + (99.998.000/10.000) \text{ nanosecond}$
- $EAT = 200 + 9.999,8 \text{ nanosecond}$
- $EAT = 10.199,8 \text{ nanosecond}$
- $EAT = 10,1998 \text{ microsecond}$

**Kesebelas, bulatkan jadi 1 angka
dibelakang koma yaitu angka 1
dibulatkan dari ,1998**

Rumus membulatkan angka :

0 - 4 : Angkanya tetap

5 - 9 : Naik 1 angka

**Sesuai rumus angka 9 berarti naik 1 angka jadi angka 1
naik jadi angka.....**

Dijawab :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$
- $EAT = (200 - 200p) + (10.000.000p)$
- $EAT = 200 + (-200p + 10.000.000p)$
- $EAT = 200 + 9.999.800p \text{ nanosecond}$
- $EAT = 200 + 9.999.800(10/10.000) \text{ nanosecond}$
- $EAT = 200 + (99.998.000/10.000) \text{ nanosecond}$
- $EAT = 200 + 9.999,8 \text{ nanosecond}$
- $EAT = 10.199,8 \text{ nanosecond}$
- $EAT = 10,1998 \text{ microsecond}$

**Kesebelas, bulatkan jadi 1 angka
dibelakang koma yaitu angka 1
dibulatkan dari ,1998**

Rumus membulatkan angka :

0 - 4 : Angkanya tetap

5 - 9 : Naik 1 angka

**Sesuai rumus angka 9 berarti naik 1 angka jadi angka 1
naik jadi angka.....**

Ceritanya ada gambar syaitan tapi karena
syaitan ghaib jadinya g keliatan :v

Dijawab :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$
- $EAT = (200 - 200p) + (10.000.000p)$
- $EAT = 200 + (-200p + 10.000.000p)$
- $EAT = 200 + 9.999.800p \text{ nanosecond}$
- $EAT = 200 + 9.999.800(10/10.000) \text{ nanosecond}$
- $EAT = 200 + (99.998.000/10.000) \text{ nanosecond}$
- $EAT = 200 + 9.999,8 \text{ nanosecond}$
- $EAT = 10.199,8 \text{ nanosecond}$
- $EAT = 10,1998 \text{ microsecond}$

**Kesebelas, bulatkan jadi 1 angka
dibelakang koma yaitu angka 1
dibulatkan dari ,1998**

Rumus membulatkan angka :

0 - 4 : Angkanya tetap

5 - 9 : Naik 1 angka

**Sesuai rumus angka 9 berarti naik 1 angka jadi angka 1
naik jadi angka, Y angka 2**

Dijawab :

Keduabelas, selesai

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$
- $EAT = (200 - 200p) + (10.000.000p)$
- $EAT = 200 + (-200p + 10.000.000p)$
- $EAT = 200 + 9.999.800p \text{ nanosecond}$
- $EAT = 200 + 9.999.800(10/10.000) \text{ nanosecond}$
- $EAT = 200 + (99.998.000/10.000) \text{ nanosecond}$
- $EAT = 200 + 9.999,8 \text{ nanosecond}$
- $EAT = 10.199,8 \text{ nanosecond}$
- $EAT = 10,1998 \text{ microsecond}$
- $EAT = 10,2 \text{ microsecond}$

Soal No 7

Diketahui :

- memory access (ma) = 200 ns
- page fault time = 10 ms
- probabilitas (p) = Terdapat 10.000 ma terdapat 10 page fault

Ditanya :

- Effective access time atau EAT

Rumus :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$

Dijawab :

- $EAT = ((1-p) \times ma) + (p \times \text{page fault time})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10 \text{ ms})$
- $EAT = ((1-p) \times 200 \text{ ns}) + (p \times 10.000.000 \text{ ns})$
- $EAT = (200 - 200p) + (10.000.000p)$
- $EAT = 200 + (-200p + 10.000.000p)$
- $EAT = 200 + 9.999.800p \text{ nanosecond}$
- $EAT = 200 + 9.999.800(10/10.000) \text{ nanosecond}$
- $EAT = 200 + (99.998.000/10.000) \text{ nanosecond}$
- $EAT = 200 + 9.999,8 \text{ nanosecond}$
- $EAT = 10.199,8 \text{ nanosecond}$
- $EAT = 10,1998 \text{ microsecond}$
- $EAT = 10,2 \text{ microsecond}$