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soooter better and daddaddaddaddaddattett
          Elt Sobylah
                                                           3-Jan-16
          Os: Ch8
          8.1,8.2,8.5,8.6,8.11,8.18
              a) Virtual Addresses are turned into
Physical Addresses by searching
               Through an onder of references
               Phat represent a space on Physocal
               memory.
                                                     page # =
                       1,052
                                                     VA/ pase STZE
                    1000 0011 100
                       1,032= 1 x 1,024+28
                              7x1,024
                                                      1 sets trame
                     PA for 1052 = 7,168 + 1052
PA = 8,220
                    11 2,221
                                                      2 Sets trame
                                 2,221/1,024=2
                   ili 5,499
                                   5,999/1,024 = 5 5 sets frame
                          0 x 1,024 = 0
                   PA for 5,499 = 0+5,499
                       BA = 5,499
```

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8.2:
     Page STZC = 1 hb = 1000 bytes
     each mt B 4 bytes long
   a) If a pase B 1000 bytes and we have 4-pase working
      Set Then we'd have 250 bytes
      for each set. So when the program runs over this you'd set a pase
      fandt
    6) Maybe chanse The Size or
      value of Size constant to loo
      A B C D A B E A B C D E
 8.5:, A A A D D D E E E E E
        BBBAAAACCC
    2
           CCCBBBBBDD
    3
 8.6:
1111111666222255555
2 00007771111444422
  2222200003331114
 8.11:
     a) 400 ns, 200 ns to heless proc and
        200 ns to access the word
     b) 20 ns Penalty, 85% hot
       Hit time + Miss rate x Miss Panily
         200 + (:15 × 20)
            = 203 ns
```

c) A normal vertual memory scheme would have the effect of doubling the memory Access time 8.18: