```
(2) (cy lus = (ax + pin) = in . (ax + p. in) ( aug(x) = 1,7,x)
                                                                              2 In Tx + in . p. in
                                                                             2 or (11.x) + B (11.1n)
                                                                              = or ang (m) + B n
                                                                              2 or angum + B = PMS.
      in and (au + Bin) = dand con + B
        (h) 81d ( m + 151n) 2 | (m + 151n) - 1, (m + 151n) . 1, 11/2
                                                                           = (xx+82m) - 1n (xx+82m) - 1n (xx+82m) - 1n (xx+82m) - 1n (xx+82m) - 1n
                                                                                                                                                                                                                  (VHAH2- JATA)
    (b) we have (rms(n))2 = (augins)2 + (std ins)2
                                      => stdim = [frmsimj2-fungins)2
                                      => 8+d(m) = \ \ \frac{\pi \n}{n} - \left(\frac{1}{n} \cdot \pi)^2
               Std (an + R. In) = (an + BIN) (an + BIN) - (In (an + BIN))2
                                                                   = [(xx1 + \b m) (xx 1\b m) - (1nt xx + 4nt \b m)2
                                                                = \sqrt{\frac{q^2 x^7 x + 2q \beta x^7 4 n + \beta^2 n - \left(q^2 \left(\frac{1}{2} n^7 x\right)^2 + \beta^2 n^2 + 2q \beta n \frac{1}{2} n^2\right)}}{n^2}
                                                     = \ \ \frac{\gamma^2 xtx}{n} + \frac{2 \gamma \gamma^2 tn}{n} + \frac{2 \gamma \gamma^2 tn}{n} + \frac{\gamma^2 \quad \gamma^2}{n} - \frac{2 \gamma \gamma \gamma^2}{n} - \frac{2 \gamma \gamma \gamma^2}{n} - \frac{2 \gamma \gamma \gamma^2}{n} + \frac{2 \gamma \gamma \gamma^2}{n} - \frac{2 \gamma \gamma \gamma \gamma \gamma \gamma^2}{n} - \frac{2 \gamma \g
                                                     = [(42) [xTx - (1nTx)2 = 14] [xTx - (1nx)2
                                                 = | 7 | std ( m) = PMS
                                                                                                                                                        : std (9x + A. In) = | T | std ( m)
```