```
Division of Ursigned Integer - Restoring Division Mthd
       11:3 -> Dividerd (8) = 11 = (011)2
                 Divisor (M) = (00011) -> (n+1=5 bits)
                   - M = 2'comp (M) = (11101)2
         (n+1)
                      (n+1)
 n
                                             Act" Operat"
4
                                              Init"
       00011
                    00000
                                 1011
                                             S.L A,Q
                                 011_
                    00001
                                            A-Mie A+(-M)
                   11110
                                011
                                           g[o] = 0 6 A, n-1
3
                    00001
                                0110
                                            SL A, 9
                   00000
                                110-
                                             A+(-M)
                    11111
                                 110_
                                           Q[0] = 0,
                                           Restore A 1-1
                                 1100
                    00010
                                             S.L AQ
                                 100-
                   00101
                                              A+ (-M)
                                 100_
                   00010
                                            g[o]←1, n-1
                                  1001
                   00010
                                             S.L AQ
                   00101
                                  001.
                                             A+ (-M)
                                  001-
                   00010
                                            Q[0] <- 1
                                  0011
                   00010
                                             n= 1-1
                                  Quotient
                  Reminder
                                   (3)10
                    (2)0
```