Multiplying By 286:

A. This method is derived from *Multiplying by 143*. Since 286 = 1001 x ($^2/_7$) you can divide by 7, multiply by 2, then *multiply by 1001*.

      Ex [1] 77 x 286 =_____.

         a) 77 ÷ 7 = 11.

         b) 11 x 2 = 22.

         c) 22 x 1001 = 22022.

         d) The answer is 22022.

      Ex [2] 286 x 287 =_____.

         a) 287 ÷ 7 = 41.

         b) 41 x 2 = 82.

         c) 82 x 1001 = 82082.

         d) The answer is 82082.