Multiplying By 858:

A. Multiplying by 858 is derived from *Multiplying by 143*. Since 858 = 1001 x $(^6/_7)$ you can divide by 7, multiply by 6, and *multiply by 1001*.

    Ex [1] 91 x 858 =_____.

       a) $91 \div 7 = 13$.

       b) 13 x 6 = 78.

       c) 78 x 1001 = 78078.

       d) The answer is 78078.

    Ex [2] 847 x 858 =_____.

       a) $847 \div 7 = 121$.

       b) 121 x 6 = 726.

       c) 726 x 1001 = 726726.

       d) The answer is 726726.