Multiplying By 15:

A. You can use the method *Multiplying by 12 - 19* to multiply by 15 or you can use the following:

    1. When multiplying n x 15, first divide n by 2.

    2. Then add this number back to n and multiply by 10.

B. Examples:

    Ex [1] 15 x 32 =_____.

        a) $32 \div 2 = 16$.

        b) $16 + 32 = 48$. 48 x 10 = 480.

        c) The answer is 480.

    Ex [2] 15 x 114 =_____.

        a) $114 \div 2 = 57$.

        b) $57 + 114 = 171$. 171 x 10 = 1710.

        c) The answer is 1710.

C. Please notice this method works only if n is even. If n is odd, I recommend using the method *Multiplying by 12 - 19*.

D. Some people believe that it is easier to use the *Double and Half Method*, but it depends on personal preference.