## Multiplying By 50:

A.  Multiplying by 50 is the same as multiplying by 5, except if the number is even you write 00, and if the number is odd you write 50.  (See *Multiplying by 5*)

  1.  When multiplying by 50, it is easier to divide by 2 and multiply by 100.

  2.  If the number you are multiplying is odd, then the last numbers will be a 50 (see Ex [2]), otherwise the last number is 00.

B.  Examples:

Ex [1]  126 x 50 =_____.

  a)  $126 \div 2 = 63$.  Write 63.

  b)  Since 126 is even the last numbers are 00.

  c)  The answer is 6300.

Ex [2]  321 x 50 =_____.

  a)  $321 \div 2 = 160$ with a remainder of 1.  Write 160.

  b)  Since there is a remainder of 1 the last numbers are 50.

  c)  The answer is 16050.