## Multiplying By 429:

A.  Multiplying by 429 is derived *Multiplying by 143*.  Since 429 = 1001 x $(^3/_7)$ you can divide by 7, multiply by 3, and then *multiply by 1001*.

       Ex [1]  84 x 429 =_____.

- a)  84 ÷ 7 = 12.
- b)  12 x 3 = 36.
- c)  36 x 1001 = 36036.
- d)  The answer is 36036.

       Ex [2]  847 x 429 =_____.

- a)  847 ÷ 7 = 121.
- b)  121 x 3 = 363.
- c)  363 x 1001 = 363363.
- d)  The answer 363363.