

Multiplying By 101101:

A. Multiplying a number that is less than 91 by 101101 is very simple. Just follow the following steps:

1. Write down the number.
2. Multiply the number by 11 and write it down.
3. Write down the number again.

Ex [1] $45 \times 101101 =$ _____.

- a) Write 45.
- b) $45 \times 11 = 495$. Write 495. (See [Multiplying by 11](#))
- c) Write 45.
- d) The answer is 4549545.

Ex [2] $75 \times 101101 =$ _____

- a) Write 75.
- b) $75 \times 11 = 825$. Write 825. (See [Multiplying by 11](#))
- c) Write 75.
- d) The answer is 7582575.

B. This method is useful since it is used in [Multiplying by 14443](#) part H.