=====================================================================================

We are going to write the multiplication table of 7. We all know that 7 is 3 less than 10. So, write it down as follows:

T O

**7 = 10 - 3**

In below case, you can see that in one’s place, 3 is getting reduced from each number. After 1 is reached in One’s place, we borrow one from ten’s place and continue the subtraction. In Ten’s place, we are adding +1 against each number. Both the values in Ones and Tens place are taken from the above expression i.e., **7 = 10 - 3**. At first, we will write the numbers in Ones place starting from 7 to 0. Then we will write the numbers in Tens place starting from 0 to 7. So, here comes the table of 7.

**T O**

|  |  |
| --- | --- |
| **0** | **7** |
| **1** | **4** |
| **2** | **1** |
| **2** | **8** |
| **3** | **5** |
| **4** | **2** |
| **4** | **9** |
| **5** | **6** |
| **6** | **3** |
| **7** | **0** |

Now let’s take 17 as the number whose multiplication table we will write.

T O

**17 = 20 – 3**

Here we are subtracting 3 in one’s place and adding 3 in tens place. At first, we will write the numbers in one’s place starting from 8 to 0. After 1 is reached in One’s place, we borrow one from ten’s place and continue the subtraction. Then we will write the numbers in Tens place starting from 1 and then go on adding 3 to the next number. So, here comes the table of 17.

|  |  |  |
| --- | --- | --- |
| H | T | O |
|  | 1 | 7 |
|  | 3 | 4 |
|  | 5 | 1 |
|  | 6 | 8 |
|  | 8 | 5 |
| 1 | 0 | 2 |
| 1 | 1 | 9 |
| 1 | 3 | 6 |
| 1 | 5 | 3 |
| 1 | 7 | 0 |

Now let’s take 27 as the number whose multiplication table we will write.

T O

**27 = 30 – 3**

Here we are subtracting 1 in one’s place and adding 3 in tens place. At first, we will write the numbers in one’s place starting from 8 to 0. After 0 is reached in One’s place, we borrow one from ten’s place and continue the subtraction. Then we will write the numbers in Tens place starting from 2 and then go on adding 3 to the next number. So, here comes the table of 27.

|  |  |  |
| --- | --- | --- |
| H | T | O |
|  | 2 | 7 |
|  | 5 | 4 |
|  | 8 | 1 |
| 1 | 0 | 8 |
| 1 | 3 | 5 |
| 1 | 6 | 2 |
| 1 | 8 | 9 |
| 2 | 1 | 6 |
| 2 | 4 | 3 |
| 2 | 7 | 0 |

Using the same technique try writing the multiplication tables of 37, 47, 57,67 and so on.

HAPPY LEARNING!!