

## Unit :- Mathematical Operations on Whole Numbers (Second week)

No. of Periods : 10

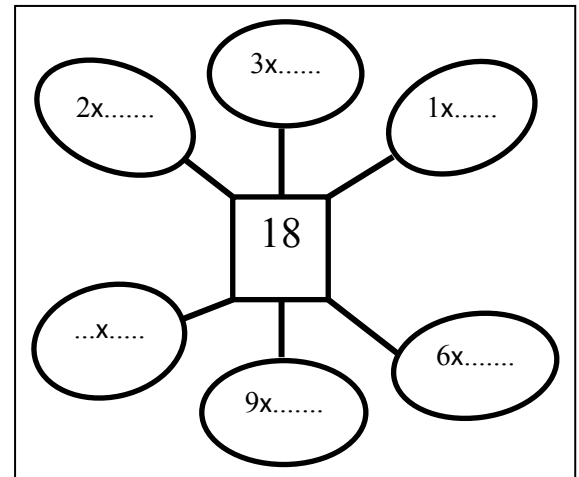
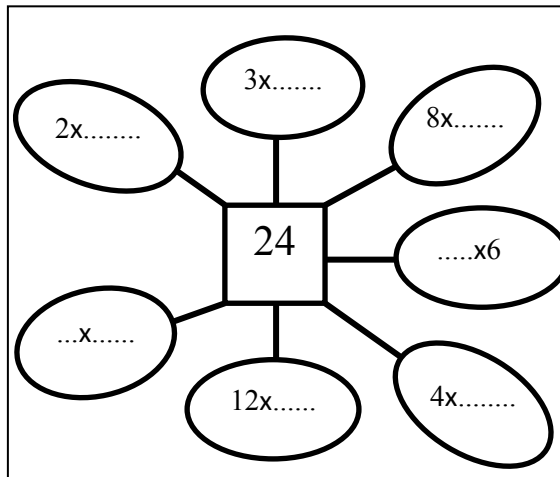
Study clearly the page numbers 29 and 30 in the text book about multiplying a whole number by another whole number.

- Fill in the following multiplication table.

x	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1				3									
2				6									
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4				12									
5				15									
6				18									
7				21									
8				24									
9				27									
10				30									
11				33									
12				36									

Write the suitable numbers for the blanks using the multiplication table.

1)



Complete the Exercise 3.3 in the page number 31 in the text book.

Study clearly the page numbers 31 and 32 in the text book about multiplying a whole number by 10, by 100 and by 1000.

Understand the number of zeros in the right end of answer compare with initial number when multiplying a whole number by 10, by 100 and by 1000.

- Fill in the following table.

3 x 10	30
7 x 10	
2 x 100	
15 x 100	
2 x 1000	2000
8 x 1000	
13 x 1000	

Complete the first question in Exercise 3.4 in page number 33 in the text book.

When finding the product of two numbers, the larger number is multiplied by the smaller number.

Study clearly the page numbers 32 and 33 in the text book about multiplying a whole number by another whole number. Understand the following Examples.

$$\begin{array}{r}
 74 \\
 \times 37 \\
 \hline
 518 \leftarrow 74 \times 7 = 518 \\
 2220 \leftarrow 74 \times 30 = 2220 \\
 \hline
 2738
 \end{array}$$

$$\begin{array}{r}
 153 \\
 \times 65 \\
 \hline
 765 \leftarrow 153 \times 5 = 765 \\
 9180 \leftarrow 153 \times 60 = 9180 \\
 \hline
 9945
 \end{array}$$

Complete the questions 2, 3, 4, 5, 6 and 7 in Exercise 3.4 in page numbers 33 and 34 in the text book.

Read and understand clearly the page numbers 34 and 35 in the text book about dividing a whole number by another whole number.

- Identify quotient and remainder clearly.

Study clearly the following examples.

$$40 \div 10 = 4$$

$$500 \div 10 = 50$$

$$300 \div 100 = 3$$

$$8000 \div 100 = 80$$

$$5000 \div 1000 = 5$$

$$50000 \div 1000 = 50$$

According to the above examples, Study the page numbers 35 in the text book and confirm the steps to follow when dividing a whole number by 10, by 100 and by 1000.

Understand the following examples.

$$525 \div 7$$

$$\begin{array}{r}
 75 \\
 7 \overline{) 525} \\
 \underline{49} \quad 7 \times 7 = 49 \\
 35 \\
 \underline{35} \quad 7 \times 5 = 35 \\
 0
 \end{array}$$

$$525 \div 7 = 75$$

$$519 \div 12$$

$$\begin{array}{r}
 43 \\
 12 \overline{) 519} \\
 \underline{48} \quad 12 \times 4 = 48 \\
 39 \\
 \underline{36} \quad 12 \times 3 = 36 \\
 3
 \end{array}$$

$$519 \div 12 = 43 \text{ with a remainder of } 3$$

The long division method can be used to divide a whole number by another whole number.

- Understand clearly Example 1 in the page number 37 in the text book.
- Complete correctly, the exercise 3.5 in page numbers 37 and 38 in the text book.