Welland Gouldsmith school

Class 3

Subject - Arithmetic

Topic - Multiplication

Chapter - 6

Worksheet

Synopsis

Multiplication means repeated addition

Few important words and symbols. in this chapter

1.The Symbol [X] = This is the symbol used for multiplication.

2.Multiplier = it is the total number of groups.

3. Multiplicand = It is the number in each group.

4.Product = It is the answer that you get when you multiply.

5. Factors = The numbers that are multiplied are called factors

Eg- 5X10

 5,10 are factors

50 is the product.

• What is a group?

A group is an. equal group only If it has the same number of Items as all of the other groups.

For example

There are 2 pens in a box.

We say, this is a group of 2 pens. So we say 1 group of 2 pens.

In the Same way, if there are 2 pens each in 3 boxes it will be said as 3 groups of 2 pens each.

In the same way here we say 3 groups of 2 pens each.

2pens + 2pens + 2pens =6 pens.

3 groups of 2 pens each makes 6 pens in all. Thus, in the above example we can see that there are equal number in each group. So to find the total the same number is added again and again. This is why it is said that repeated addition is multiplication. Multiplication means "equal groups of" and is written with a multiplication Sign or symbol ' X '

For example 5 equal groups of 5 can be read as 5X5

Multiplier, Multiplicand, Factor and Product are the important terms Multiplication.

For Example

6 groups of   3 sweets   =   18

   ⬇   ⬇   ⬇

Multiplier   multiplicand   Product

6 , 3

  ⬇

Factor

Multiplication horizontally

$242 \times 2 = 484$

Step 1 - $2 \times 2 = 4$

Step 2- $2 \times 4 = 8$

Step 3 - $2 \times 2 = 4$

Ans 484.

A. Multiplication [Horizontally]

1. $321 \times 2 =$

2. $417 \times 3 =$

3. 591 X 5 =

4. 896 X 4 =

5. 124 X 6 =

B. Use the multiplication tables to fill in the blanks-

1. 4× 2 =

2. 3 ×3 =

3. 4×5 =

4. 5×6 =

5. 9 ×2 =

C. Multiply

1. H T O

    1 3 2

       × 2

    _____

    _____

2. H T O

    4 5 1

       × 3

    _____

_____

3. H T O

  7 2 4

    × 4

_____

_____

4. H T O

  9 7 3

    × 5

_____

_____

5. H T O

  3 1 8

    × 6

_____

_____

D. Write the factors and the products.

1. 1O× 5

Factor _____

Product _____

2. 4 × 3

Factor _____

Product _____

3. 8 ×2

Factor _____

Product _____

4. 6×5

Factor _____

Product _____

5. 7×3

Factor _____

Product _____

E. Find the Product -

1. 4×2=

2. 1×3 =

3. 9×5 =

4. 7×7=

5. 6×9 =

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Text book Exercises-

Page 57no - 2, 3, 4, 5, 6.

Page 59

A) no - 10, 11, 12,13, 14

B) no - 17, 18,19,20,21 Page 61 no-

 2, 3, 4, 5, 6

Page 67 Checkpoint no-

1, 2, 3, 4

Page no 70 no -

2, 3, 4, 5, 6.

Page 72 checkpoint no - 5, 6, 7, 8, 9.

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Learn the tables from 2 to 10