**25th May 2020 Jesus and Mary school Module 4**

**Class –2**

**Mathematics**

Multiplication

Multiplication of A2- digit number by A1- digit number.

Multiplication without Regrouping

Let us multiply 24 by 2.

Write the numbers one below the other as shown.

T O Step1: Multiply the ones digit by 2.

2 4 4 ones ×2=8 ones

× 2 Write 8 in the ones place.

\_\_\_\_ Step2: Multiply the tens digit by 2.

4 8 2 tens × 2=4 tens

\_\_\_\_ Write 4 in the tens place.

The product is 48.

Multiplying in two ways

Do you remember adding and Subtracting in two ways?

In multiplication too, we can write the numbers horizontally or vertically.

Horizontal method Vertical method

3 × 4 = 12 3

× 4

\_\_\_

12

\_\_\_

Multiplying by 10 and 100

When we multiply a number by 10, we just add a ‘ 0’ at the end of the number to get the product. For example,

6 × 10 = 60 7 × 100 = 700

Multiplication of A3- digit number by A1- digit number

Let us multiply 132 by 3.

Write the numbers one below the other as shown.

H T O Step1: Multiply the ones digit by 3.

1 3 2 2 ones × 3 = 6 ones

× 3 Write 6 in the ones place.

\_\_\_\_\_ Step2: Multiply the tens digit by 3.

3 9 6 3 tens × 3 = 9 tens

\_\_\_\_\_\_ Write 9 in the tens place.

Step3: Multiply the hundreds digit by 3.

1 hundred × 3 = 3 hundreds

Write 3 in the hundreds place.

The product is 396.

**WORK SHEET NO 4**

**NOTE: DO ALL THE EXERCISES IN YOUR COPY.**

Q1- Multiply the following number.

1. 9×4 = b. 6×7= c. 5×5= d. 7×3=

Q2- Multiply the following numbers as shown.

1. T O b. T O c. T O d. T O

4 2 3 3 4 5 1 2

× 2 × 3 × 1 × 4

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Q3- Multiply by regrouping as shown.

1. T O b. T O c. T O d. T O

2 3 3 6 2 5 2 3

× 4 × 3 × 5 × 6

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Q4- Multiply by regrouping as shown.

1. H T O b. H T O c. H T O d. H T O

2 3 5 1 5 3 1 6 5 1 2 2

× 3 × 4 × 5 × 6

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Q5- Multiply the following number.

1. 7×10= b. 8×10= c. 9×100 d. 4×100=

**Solution work sheet no 3 Uploaded on 18th May 2020**

Q1- Add by regrouping.

Ans- a. 760 b. 665 c. 673 d. 615

Q2- Subtract by regrouping.

Ans- a. 082 b. 294 c. 570 d. 141

Q3- Add the following numbers.

Ans- a. 8 b. 10 c. 12 d. 20

Q4- Write the number name.

Ans- a. One hundred twenty – three

b. Two hundred forty – five

c. Three hundred thirty –two

d. Four hundred eighteen

Q5- Write the number

Ans- a. 239 b. 399 c. 515 d. 981

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