

NORTH- EX PUBLIC SCHOOL (Session 2020-21)

Class-V

Mathematics

Chapter- 2 The four operations

Topic-The four operations

Worksheet No.6

***Note-** Before attempting the worksheet you must check the link(s) given below which will help you in doing the same correctly.

You can download the worksheets or if you do not have facility to get printout then you can ask your ward to copy the worksheet in a simple note book and must do exercise and question answers in the note book.

Link- <https://youtu.be/WUxGMI3Zgyk>

Notes for this worksheet-

WHICH OPERATION?

EXAMPLE

The sum of two numbers is 342. If one number is 195, find the other number.

$$195 + \text{number} = 342$$

SUBTRACT to find the other number.

ANS. Therefore, number = $342 - 195 = 147$

EXAMPLE

What should be added to 756 to get 1300?

$$756 + ? = 1300$$

SUBTRACT to find what should be added.

- ANS. Therefore, number = $1300 - 756 = 544$

EXAMPLE

By which number should 84 be divided to get 6 as the quotient?

$$84 \div \text{number (divisor)} = 6 \text{ (quotient)}$$

DIVIDE to find the number (divisor).

ANS. Therefore, divisor = $84 \div 6 = 14$

EXAMPLE

A number when divided by 8 gives the quotient 9.

Find the number.

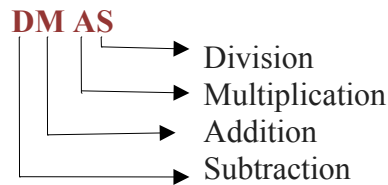
MULTIPLY to find the number (dividend).

$$\text{number (dividend)} \div 8 = 9 \text{ (quotient)}$$

ANS. Therefore, number = $9 \times 8 = 72$

THE FOUR OPERATIONS TOGETHER

When the operations are given together in a question, follow the rules of DMAS to find the answer.



EXAMPLE

Simplify $10 + 8 \div 4 - 2 \times 6$.

$$10 + 8 \div 4 - 2 \times 6$$

$$10 + 2 - 2 \times 6$$

$$10 + 2 - 12$$

$$12 - 12 = 0$$

ANS. 0

DIVIDE $8 \div 4 = 2$

MULTIPLY $2 \times 6 = 12$

ADD $10 + 2 = 12$

SUBTRACT $12 - 12 = 0$

EXAMPLE

Simplify $30 - 14 \div 7 \times 5$.

$$30 - 14 \div 7 \times 5$$

$$30 - 2 \times 5$$

$$30 - 10 = 20$$

ANS. 20

DIVIDE $14 \div 7 = 2$

MULTIPLY $2 \times 5 = 10$

SUBTRACT $30 - 10 = 20$

POINTS TO REMEMBER

Large numbers are added and subtracted in the same way as smaller numbers.

Large numbers are multiplied and divided in the same way as smaller numbers.

Quotient \times Divisor + Remainder = Dividend

When the operations are given together in a question, the rules of DMAS should

Q1. Solve these.

1. What should be added to 6480 to get 10,583?

2. The sum of two numbers is 16,597. If one number is 95
Of two numbers is 16,597. If one number is 9597, find the other number.

3. What should be added to 17,526 to get 30,000?

4. The product of two numbers is 6025. If one number is 25, find the other number

5. A number when multiplied by 13 gives 1820 as the product. Find the number.

6. By what number should 153 be divided to get 9 as the quotient?

7. A number when divided by 13 gives the quotient 109. Find the number.

Q.2. Simplify.

1) $8 + 12 - 6 \times 2$

$$2) 4 \times 5 + 30 \div 5$$

$$3) 3 + 40 \div 10 - 3$$

$$4) 14 + 7 \times 2 - 16 \div 2$$

$$5) 2 + 4 \times 6 - 2 \times 6$$

$$6) 20 \times 5 - 100 \div 100$$

$$7) 8 + 20 \div 5 - 0 \div 3$$

$$8) 75 \times 0 - 0 \div 75$$

$$9) 39 - 0 + 5 \times 999$$

ENRICHMENT ACTIVITY

Q.3. Find the names of any eight cities of the world, whose population is less than 10 million. Fill in the table in the ascending order of population.

S.NO.	NAME OF CITY	POPULATION
1		
2		
3		
4		
5		
6		
7		
8		

Answer these questions.

1. By how much is the number of people in the most populated city in this list) more than the number of people in the least populated one?
2. What is the difference between the number of people living in the 3rd and 6th most populated cities?
3. Is the difference between the number of people living in the 1st and 2nd most populated cities more or less than 10 lakhs?

Answers for this worksheet

Q. 1.

1) 4103

2) 7000

3) 12474

4) 241

5) 140

6) 17

7) 1417

Q2

1). 8

2). 26

3). 4

4). 20

5). 14

6). 99

7) 12

8) 0

9). 5034