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Date: (7-8-20)

Class - V

WORKSHEET ⑦

Subject - Mathematics

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Good Morning Students!

Today we will start with the Topic - Simplification

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The four fundamental operations addition, subtraction, multiplication and division separately. This is simplification.

We perform the operations in the following order

① Division → ② Multiplication → ③ Addition → ④ Subtraction

To remember quickly: DMAS (Dear Mother And Sister)

Example 1: - Simplify

$$\begin{aligned}
 &16 + 12 \div 4 \times 5 - 2 \\
 &= 16 + 3 \times 5 - 2 \\
 &= 16 + 15 - 2 \\
 &= 31 - 2 \\
 &= 29 \text{ Ans.}
 \end{aligned}$$

Example 2: - Simplify

$$\begin{aligned}
 &15 + 24 \div 3 - 1 \times 6 \\
 &= 15 + 8 - 1 \times 6 \\
 &= 15 + 8 - 6 \\
 &= 23 - 6 \\
 &= 17 \text{ Ans.}
 \end{aligned}$$

When brackets are present in the simplification sums

- 1) First do the operation within the first bracket that is ()
- 2) Then do the operation within the second bracket that is { }
- 3) Then do the operation within the third bracket that is []

the rest in order ODMAS

O - OF

D - Division ($\div$)

M - Multiplication ($\times$)

A - Addition ($+$)

S - Subtraction ($-$)

Example :- Simplify: $30 - (12 - 6 \div 3)$

$$= 30 - (12 - 2)$$

$$= 30 - 10$$

$$= 20 \text{ Ans.}$$

1)

Simplify the following

Ex-3(F)

a)

$$20 \div 4 + 5$$

$$= 5 + 5$$

$$= 10 \text{ Ans.}$$

$$b) 28 - 25 \div 5$$

$$= 28 - 5$$

$$= 23 \text{ Ans.}$$

x ————— x

