

**MONTH : NOVEMBER**

**SESSION : 7**

**CLASS : V**

**SUBJECT : MATHEMATICS**

**CHAPTER NUMBER: 12**

**CHAPTER NAME : SIMPLIFICATION : BODMAS**

**SUB-TOPIC : ORDER OF OPERATION: DMAS, BODMAS**

**EXERCISE 12 A**

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**CHANGING YOUR TOMORROW**

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## LEARNING OBJECTIVE :

### **Enable the students**

- To know the use of DMAS
- To calculate through organizing its operations.

# SIMPLIFICATION

The act of organizing objects according to the operations.

THE ORDER OF OPERATIONS IN MATHS:

**D M A S**

DIVISION

MULTIPLICATION

ADDITION

SUBTRACTION

**DMAS helps us to solve calculations involving more than one operations.**

# D M A S

$$\begin{array}{r} \text{Ex:1} \quad 8 + 6 \div 2 \\ \quad \quad \quad \downarrow \\ \quad \quad \quad = 8 + 3 = 11 \end{array}$$

$$\text{Ex. 2.} \quad 14 + 24 \div 8 \times 20 - 60$$

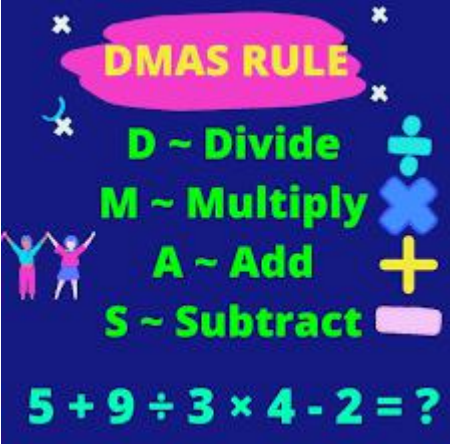
$$14 + 24 \div 8 \times 20 - 60 \text{ (divide)}$$

$$= 14 + 3 \times 20 - 60 \text{ (multiply)}$$





$$= 14 + 60 - 60 \text{ (add)}$$

$$= 74 - 60 \text{ (subtract)}$$

$$= 14 \quad \text{Ans}$$



**DMAS RULE**

- D ~ Divide 
- M ~ Multiply 
- A ~ Add 
- S ~ Subtract 

$5 + 9 \div 3 \times 4 - 2 = ?$

## EXERCISE- 12 A

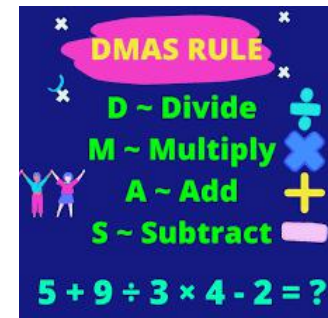
### SIMPLIFY

$$\begin{aligned} 1. & 48 \div 6 + 7 \\ & = 8 + 7 \\ & = 15 \end{aligned}$$

$$\begin{aligned} 3. & 18 \div 2 \times 14 + 15 \\ & = 9 \times 14 + 15 \\ & = 126 + 15 \\ & = 141 \end{aligned}$$

$$\begin{aligned} 2. & 72 \div 12 - 6 + 4 \\ & = 6 - 6 + 4 \\ & = 4 \end{aligned}$$

$$\begin{aligned} 4. & 26 + 6 \times 56 \div 8 \\ & = 26 + 6 \times 7 \\ & = 26 + 42 \\ & = 68 \end{aligned}$$



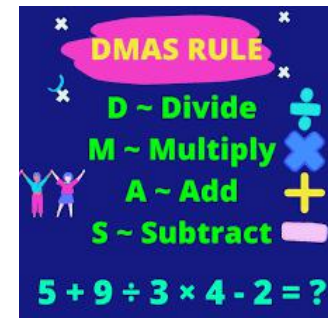
## EXERCISE- 12 A

### SIMPLIFY

$$\begin{aligned} 5. \quad & 112 \div 7 \times 5 - 35 \\ & = 16 \times 5 - 35 \\ & = 80 - 35 \\ & = 45 \end{aligned}$$

$$\begin{aligned} 7. \quad & 64 + 7 + 26 \div 13 - 39 \\ & = 64 + 7 + 2 - 39 \\ & = 73 - 39 \\ & = 34 \end{aligned}$$

$$\begin{aligned} 6. \quad & 28 \times 6 \div 3 - 36 \\ & = 28 \times 2 - 36 \\ & = 56 - 36 \\ & = 20 \end{aligned}$$





- **Complete exercise 12 A in the note book.**

The logo for 'Learning Outcomes' features the words 'Learning' and 'Outcomes' in a large, bold, black font with a yellow outline. To the left of the text is a blue graduation cap. Above the word 'Learning' is a red apple with a green leaf.

# Learning Outcomes

**Students are able to:**

Calculate through organizing operations.



**THANKING YOU**  
**ODM EDUCATIONAL GROUP**