

Maths-5

Chapter 4: Simplification – Worksheet

MCQs (5)

1. BODMAS stands for:

- a) Brackets, Order, Division, Multiplication, Addition, Subtraction
- b) Brackets, Order, Division, Multiplication, Subtraction, Addition
- c) Brackets, Operation, Division, Multiplication, Addition, Subtraction

2. Which operation should be done first in $36 \div 6 \times 2$?

- a) Multiplication
- b) Division
- c) Addition

3. In the expression $95 - 42 \div 7 \times 3 + 40$, the first step is:

- a) $95 - 6 \times 3 + 40$
- b) $95 - 42 \times 7 \div 3 + 40$
- c) $95 - 42 \div 21 + 40$

4. DMAS means:

- a) Divide, Multiply, Add, Subtract
- b) Divide, Minus, Add, Subtract
- c) Double, Multiply, Add, Subtract

5. $8 \times 6 + 24 \div 6 - 18 = ?$

- a) 34
- b) 52
- c) 48

Fill in the Blanks (5)

1. _____ is used to simplify numerical expressions containing multiple operations.
2. According to BODMAS, _____ is done before division.
3. In DMAS rule, A stands for _____.
4. $24 \div 6 =$ _____.
5. In the expression $86 - 53 + 29 \times 10 \div 5$, the first operation is _____.

True or False (5)

1. Multiplication comes before division in BODMAS. ()
2. Subtraction is always done at the end. ()
3. Brackets must be solved first. ()
4. In DMAS, subtraction comes before addition. ()
5. $95 - 42 \div 7 \times 3 + 40 = 117$. ()

Activities (5)

1. Create your own 5-step BODMAS expression and solve it step by step.
2. Draw a flowchart showing the order of operations in BODMAS.
3. Make a BODMAS puzzle: Write 10 mixed expressions for a friend to solve.
4. In your notebook, list 5 real-life examples where BODMAS is useful (shopping bill, recipe measurements, etc.).
5. Create a colour-coded chart showing each operation in BODMAS with examples.