

Class:- V

Math

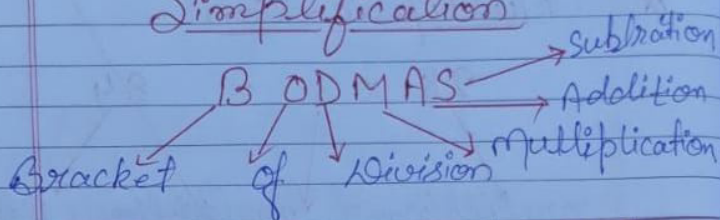
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Four Fundamental operations

Simplification



Note:- When two brackets are used then we'll simplify the inner bracket first.

Practice Time:- 6.4

Q4. Simplify:

$$1. 75 \times 60 \div 15$$

$$\text{Solu.} = 75 \times 4 \\ = 300$$

$$7. 15 \text{ of } 3 \div 5 \times 8 - 4 + 2 \times (10 - 5)$$

$$\text{Solu.} \quad 15 \text{ of } 3 \div 5 \times 8 - 4 + 2 \times 5 \\ = 45 \div 5 \times 8 - 4 + 2 \times 5 \\ = 9 \times 8 - 4 + 2 \times 5 \\ = 72 - 4 + 10 \\ = 82 - 4 \\ = 78$$

Q5. Simplify:

$$3. 20 - \{ (17 - 3) \div (5 - 3) \}$$

$$\text{Solu.} = 20 - \{ 14 \div 2 \} \\ = 20 - 7 \\ = 13$$

Practice Time 6.5

A. Solve the problems:

Q7. The monthly school fee is ₹ 560 and conveyance charge per month is ₹ 125. If there are 2498 students in a school. Find how much money is collected by school in a month?

$$\text{Solu. Total monthly fee} = ₹ 560 + ₹ 125 \\ = ₹ 685$$

$$\text{Monthly fee paid by students} = 2498 \times ₹ 685 \\ = ₹ 1711130$$

Hence, ₹ 1711130 money is collected by school in a month.