



TOPIC: OPERATIONS WITH NUMBERS.

C.W#12, TOPIC: OPERATIONS WITH NUMBERS.

Calculation Rules:

1. Calculate from left to right.

2. Ordering Mathematical operations:

Follow: **BODMAS**

*There are 3 kinds of brackets.

() : Round brackets

{ } : Double or curly brackets

[] : Square brackets

*When brackets are present in a problem, we simplify the term inside the bracket first

*If two or more types of brackets are present in a problem, the order of working is Round -> Curly -> Square.

*BODMAS Formula: B- Brackets, O- Order of powers, D-Division, M- Multiplication, A- Addition, S- Subtraction.

EX-2.9, PG#21

Q. Simplify.

$$4) 12 \div 4 + 2$$

$$= 3 + 2$$

$$= 5(\text{Ans.})$$

$$3) 18 \div 3 - 2$$

$$= 6 - 2$$

$$= 4(\text{Ans.})$$

C.W#13, TOPIC: OPERATIONS WITH NUMBERS.

Q. Simplify.(pg# 20)

A) $16 + 12 \div 4 \times 5 - 2$

B) $(16 + 12 \div 4) \times 5 - 2$

C) $16 + (12 \div 4) \times 5 - 2$

Solutions.

A) $16 + 12 \div 4 \times 5 - 2$

$$= 16 + 3 \times 5 - 2$$

$$= 16 + 15 - 2$$

$$= 31 - 2 = 29(\text{Ans.})$$

$$B) (16 + 12 \div 4) \times 5 - 2$$

$$= (16 + 3) \times 5 - 2$$

$$= 19 \times 5 - 2$$

$$= 95 - 2$$

$$= 93 \text{ (Ans.)}$$

EX- 2.10(PG#22)

$$A. 2. 5 \times (2 + 7)$$

$$= 5 \times 9$$

$$= 45 \text{ (Ans.)}$$

$$C) 16 + (12 \div 4) \times 5 - 2$$

$$= 16 + 3 \times 5 - 2$$

$$= 16 + 15 - 2$$

$$= 31 - 2$$

$$= 29 \text{ (Ans.)}$$

$$5. (4 \times 3) + 5$$

$$= 12 + 5$$

$$= 17 \text{ (Ans.)}$$

$$8. (3 + 4) \times 2$$

$$= 7 \times 2$$

$$= 14 \text{ (Ans.)}$$

H.W# 6, B(2,4,6,8) (PG#22)

