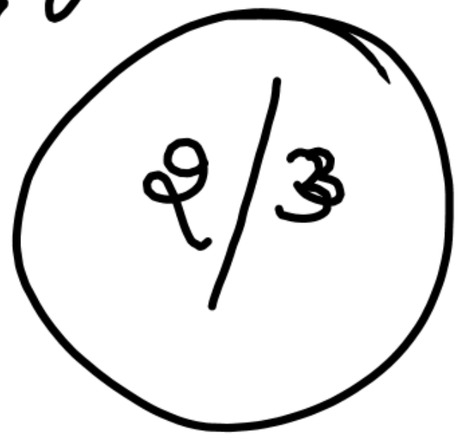
# Mathematical operations ( Day 1 )

SSC → one of the most fav. Topic



2/3

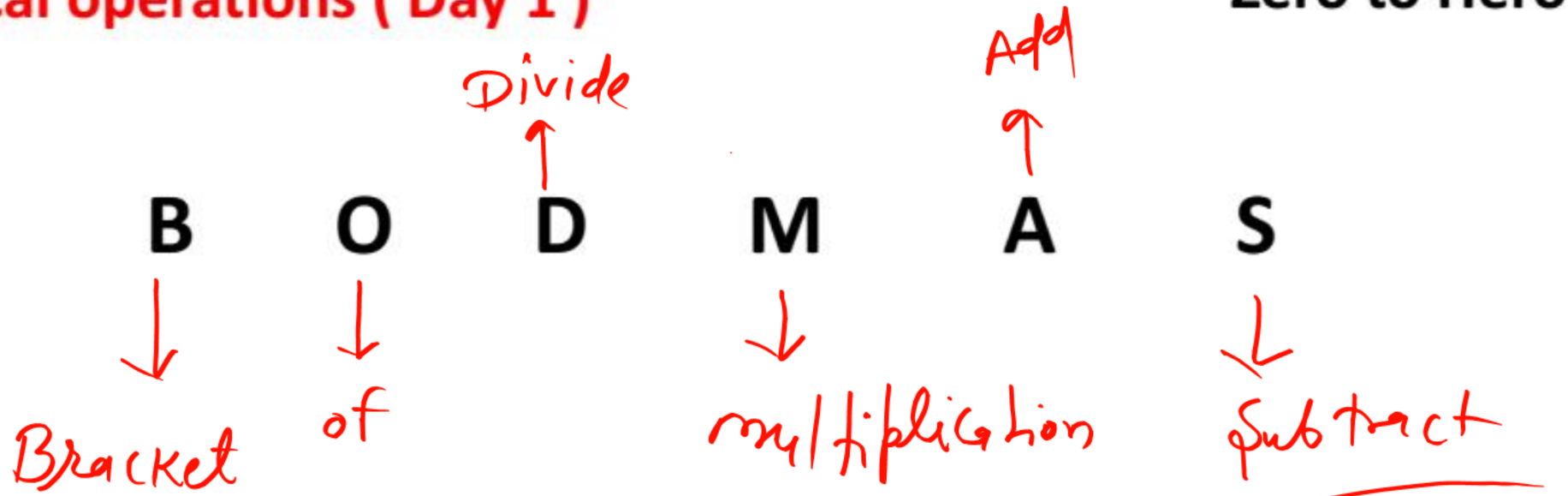
Cube & Cub $\alpha$

Clock $\alpha$

$\alpha$

# Mathematical operations ( Day 1 )

Zero to Hero Batch



# Mathematical operations ( Day 1 )

**Type --- 1**

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**Q. Select the correct of symbols ?**

**21 # 9 % 13 @ 7 = 195**

**A. X , - , ÷**

**B. + , ÷ , -**

**C. + , - , +**

**D. X , + , -**

21 × 9 + 13 - 7

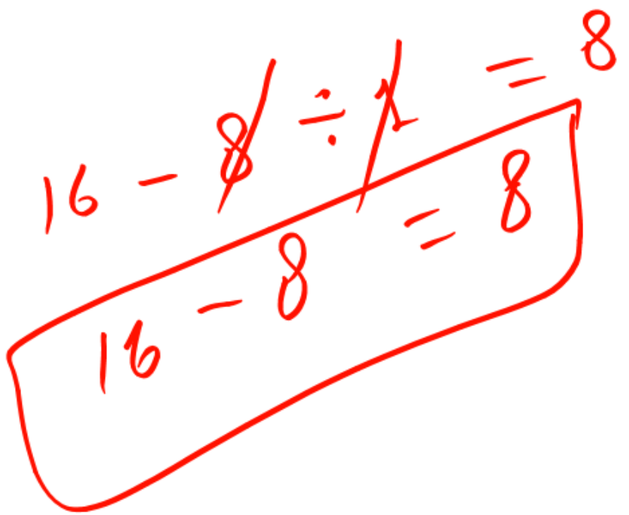
189 + 13 ⇒ 202 - 7

⇒ 195

# Mathematical operations ( Day 1 )

**Q. Choose the appropriate combination of sign to solve ?**

**16 # 8 # 1 # 8**




**A. = , - , ÷**

**B. - , ÷ , =**

**C. + , - , =**

**D. ÷ , = , -**

# Mathematical operations ( Day 1 )

Q. 64 ? 4 ? 5 ? 8 = 88

16 ÷ × +

A. X , - , +

B. X , - , ÷

C. + , ÷ , -

D. + , - , +

E. ÷ , X , +

# Mathematical operations ( Day 1 )

Q. 35 ? 5 ? 10 ? 15 ? 4

A. ÷ , + , = and x

B. X , ÷ , > and x

C. ÷ , x , > and x

D. ÷ , x , < and +

35 ÷ 5 x 10 > 15 x 4

7 x 10 > 15 x 4

70 > 60

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**Q. 4 + 64 - 5 + 45 x 120 = 5**

**Find out the two signs to be interchanged for making following equation correct ?**

**A. + and x**

**B. X and -**

**C. + and -**

**D. - and +**

E. None of these

# Mathematical operations ( Day 1 ) Type-2 coded mathematical opr.

**Q. If '+' means '÷' , '–' means '+' , 'x' means '–' and '÷' means 'x', then what will be the value of the following expression ?**

**Q.1 18 ÷ 6 - 27 + 3 x 12 = ?**

$18 \times 6 + 27 \div 3 - 12 \Rightarrow$

$18 \times 6 + 9 - 12 =$

$108 + 9 - 12 =$

$117 - 12 \Rightarrow 105$

# Mathematical operations ( Day 1 )

**Q.2 16 – 48 + 12 x 3 ÷ 5 = ?**

16 + ~~48~~ ÷ ~~12~~ – 3 x 5

16 + 4 – 15

20 – 15 ⇒ (5) Ans

# Mathematical operations ( Day 1 )

## Type --- 3

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Q. Which of the following interchanges of signs and numbers would make the given equation correct ?

A. - and + , 6 and 4

B. ÷ and + , 4 and 8

C. X and ÷ , 8 and 6

D. X and - , 2 and 6

# Mathematical operations ( Day 1 )

| + | - | x | = | ÷ | > | < |
|---|---|---|---|---|---|---|
| B | G | E | D | C | A | F |

**A. 18 C 3 D 6 B 8 C 4 G 12**

**B. 18 A 3 E 6 B 8 B 4 B 12**

**C. 18 C 3 G 6 B 8 B 4 D 12**

**D. 18 F 3 B 6 E 8 G 4 E 12**

# Mathematical operations ( Day 1 )

**Q. Given interchange: sign '+' and '-' and numbers 5 and 8. Which of the following is correct?**

**(a) 82-35 + 55=2**
**(b) 82-35 + 55 = 102**
**(c) 85-38 + 85 = 132**
**(d) 52-35+55 = 72**

$52 + 38 - 88 = 2$

$90 - 88 = 2$

# Mathematical operations ( Day 1 )

**Q. If P denotes '+', Q denotes '-' R denotes '×' and S denotes '÷' then, which of the following statement is correct?**

**(a) 16 R 12 P 49 S 7 Q9 = 200**
**(b) 32S8R9 = 160Q 12R 12**
**(c) 8R8P8S8Q8= 57** ✓
**(d) 36R4S8Q7P4 = 10**

$8 \times 8 + 8 \div 8 - 8 = 57$

$64 + 1 - 8 \Rightarrow$

$65 - 8 \Rightarrow 57$

# Mathematical operations ( Day 1 )

**Q. 'subtraction', '-' means 'multiplication' and 'x' means 'division'?**

**54 × 6 – 7 ÷ 8 + 2 =?**

**(a) 63 (b) 57 (c) 69 (d) 61**

# Mathematical operations ( Day 1 )

**Q. Which two signs should be interchanged in the following equation to make it correct?**

**12 × 8 ÷ 36 + 3 - 6 = 102**

**(a) × and + (b) + and - (c) ÷ and × (d) ÷ and +**

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