



# Mathematical operations ( Day 1 )

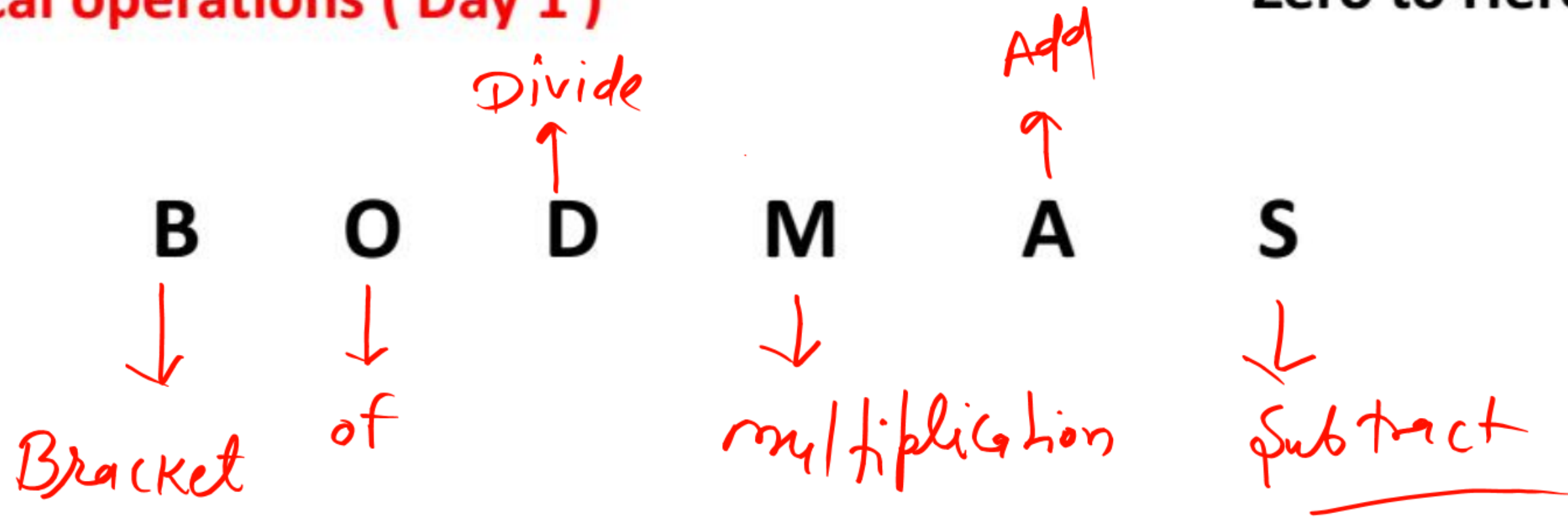
§ § L  
↘ one of the most fav. Topic

$$\frac{2}{3}$$

Cube & Cube  $\sqrt[3]{\phantom{x}}$   
Clock  $\alpha$

# 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.  $\times, -, \div$

B.  $+, \div, -$

C.  $+, -, +$

☒ D.  $\times, +, -$

Handwritten calculation:

$$21 \times 9 + 13 - 7 = 189 + 13 - 7 = 202 - 7 = 195$$

## Mathematical operations ( Day 1 )

Q. Choose the appropriate combination of sign to solve ?

$$16 \# 8 \# 1 \# 8$$

A.  $=, -, \div$

☒ B.  $-, \div, =$

C.  $+, -, =$

D.  $\div, =, -$

$16 - 8 \div 1 = 8$   
 $16 - 8 = 8$

## Mathematical operations ( Day 1 )

Q.  $64 \ ? \ 4 \ ? \ 5 \ ? \ 8 = 88$

*Handwritten red annotations:*  
A red diagonal line is drawn over the number 64, with the number 16 written below it.  
A red diagonal line is drawn over the number 4.  
Below the first question mark is a red division symbol ( $\div$ ).  
Below the second question mark is a red multiplication symbol ( $\times$ ).  
Below the third question mark is a red addition symbol ( $+$ ).

A.  $\times, -, +$

B.  $\times, -, \div$

C.  $+, \div, -$

D.  $+, -, +$

*Handwritten red annotations:*  
Option E is written in red:  $\div, \times, +$ .  
A red checkmark is drawn to the left of the text.  
A red wavy line is drawn below the text.

## Mathematical operations ( Day 1 )

Q. 35 ? 5 ? 10 ? 15 ? 4

A.  $\div$  , + , = and  $\times$

B.  $\times$  ,  $\div$  , > and  $\times$

☒ C.  $\div$  ,  $\times$  , > and  $\times$

D.  $\div$  ,  $\times$  , < and +

$$\begin{aligned} 35 &\div 5 \times 10 > 15 \times 4 \\ 7 \times 10 &> 15 \times 4 \\ 70 &> 60 \end{aligned}$$

## Mathematical operations ( Day 1 )

Q.  $4 + 64 - 5 + 45 \times 120 = 5$

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

~~A. + and  $\times$~~

~~B.  $\times$  and -~~

~~C. + and -~~

~~D. - and +~~

E. None of these



## Mathematical operations ( Day 1 ) Type-2 Coded mathematical ops.

Q. If '+' means ' $\div$ ', '-' means '+', 'x' means '-' and ' $\div$ ' means 'x', then what will be the value of the following expression ?

Q.1  $18 \div 6 - 27 + 3 \times 12 = ?$

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

$$18 \times 6 + 9 - 12 =$$

$$108 + 9 - 12 =$$

$$117 - 12 \Rightarrow \underline{\underline{105}}$$

## Mathematical operations ( Day 1 )

Q.2     $16 - 48 \div 12 + 3 \times 5 = ?$

$$16 + \cancel{48} \div \cancel{12} - 3 \times 5$$

$$16 + 4 - 15$$

$$20 - 15 \Rightarrow \textcircled{5} \text{ Ans}$$

## 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.  $\div$  and + , 4 and 8

C. X and  $\div$  , 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

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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)  $16 R 12 P 49 S 7 Q 9 = 200$
- (b)  $32 S 8 R 9 = 160 Q 12 R 12$
- (c)  $8 R 8 P 8 S 8 Q 8 = 57$  ✓
- (d)  $36 R 4 S 8 Q 7 P 4 = 10$

$$\begin{aligned} &8 \times 8 + 8 \div 8 - 8 = 57 \\ &64 + 1 - 8 \Rightarrow 57 \\ &65 - 8 \Rightarrow 57 \end{aligned}$$



## Mathematical operations ( Day 1 )

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

$$54 \times 6 - 7 \div 8 + 2 = ?$$

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

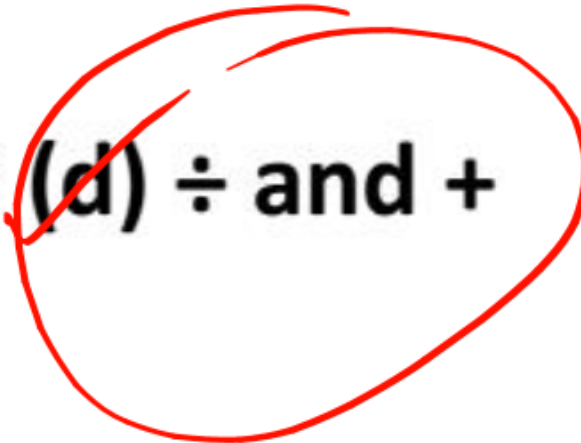
## Mathematical operations ( Day 1 )

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

$$12 \times 8 \div 36 + 3 - 6 = 102$$

Handwritten annotations in red: '96' is written below '12 × 8'; a '+' sign is written between '8' and '36'; a '÷' sign is written between '36' and '3'; a '12' is written above '36'.

(a)  $\times$  and + (b) + and - (c)  $\div$  and  $\times$  (d)  $\div$  and +





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thank you

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