

LETTER BASED

Reasoning

LETTER BASICS



Method to Remember the Position of Letters in English Alphabet

A B C D E F
G H I J K L M
N O P Q R S T
U V W X Y Z

→ order (याद)



C	F	I	L	O	R	U	X
↓	↓	↓	↓	↓	↓	↓	↓
3	6	9	12	15	18	21	24

Sound like a medicine name

E	J	O	T	Y
↓	↓	↓	↓	↓
5	10	15	20	25

Sound like a girl's name Joti



Backward

A W X Y Z
26 3 2 1

X U R O L I F C
↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
3 6 9 12 15 18 21 24

and

V Q L G B
↓ ↓ ↓ ↓ ↓
5 10 15 20 25 → 5's Multiple



Opposite Letter

(i) A Z (Aaza)

$$\begin{array}{c} 1 \\ \downarrow \\ 1 + 26 = 27 \end{array}$$

(ii) B Y (By) *Boy*

$$\begin{array}{c} 2 \\ \downarrow \\ 2 + 25 = 27 \end{array}$$

(ii) C X (Six) *CRAZY*

$$\begin{array}{c} 3 \\ \downarrow \\ 3 + 24 = 27 \end{array}$$

(iv) D W (Dew)

$$\begin{array}{c} 4 \\ \downarrow \\ 4 + 23 = 27 \end{array}$$

(v) E V (Evening)

$$\begin{array}{c} 5 \\ \downarrow \\ 5 + 22 = 27 \end{array}$$

(vi) F U (Uff)

$$\begin{array}{c} 6 \\ \downarrow \\ 6 + 21 = 27 \end{array}$$

(vii) G T (GT Road)

$$\begin{array}{c} 7 \\ \downarrow \\ 7 + 20 = 27 \end{array}$$

(viii) H S (High School)

$$\begin{array}{c} 8 \\ \downarrow \\ 8 + 19 = 27 \end{array}$$

(ix) I R (Indian Railways) *+9*

$$\begin{array}{c} 9 \\ \downarrow \\ 9 + 18 = 27 \end{array}$$

(x) J Q (Jack Queen)

$$\begin{array}{c} 10 \\ \downarrow \\ 10 + 17 = 27 \end{array}$$

(xi) K P (Kevin Peterson)

$$\begin{array}{c} 11 \\ \downarrow \\ 11 + 16 = 27 \end{array}$$

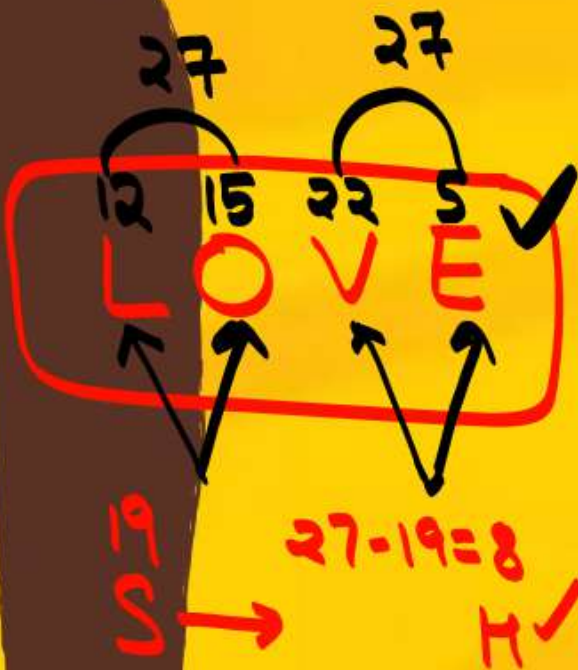
(xii) L O (Love)

$$\begin{array}{c} 12 \\ \downarrow \\ 12 + 15 = 27 \end{array}$$

(xiii) M N (Man)

$$\begin{array}{c} 13 \\ \downarrow \\ 13 + 14 = 27 \end{array}$$

Sum of
order of letters = 27



NOTE

Backward order position of a letter

= 27 - Forward order position of letter

e.g. Backward order position of B

= 27 - Forward order position of B

= 27 - 2 = 25

By Using V O L G B and X U R O L I F C

can easily remember the position of letters of English alphabet is reverse order./ अंग्रेजी वर्णमाला के अक्षरों की स्थिति को उल्टे क्रम में आसानी से याद रख सकते हैं।



✓ Group of Letters (Letter cluster)

Modern Dictionary
Either a Word(Meaning) or can be Unscrambled in Meaning
word /या तो एक शब्द (अर्थ) या अर्थ शब्द में अनस्क्रेम्बल
किया जा सकता है

सार्थक
शब्द
Meaningful word

✓
ACT & CAT & TAC

Letter cluster
~~HMUNA~~
HUMAN
शब्द

The vocab test in reasoning

Unscrambling (सार्थक शब्द में पुनर्व्यवस्था)

Group of letter

↑
NRU

Unscrambling

RUN ✓
सार्थक शब्द

VOCAB.

Eng. Dictionary.

☆ 3/4 ✓ Letter words

☆ ⑤

Ex.)

SOAREGNINI

Unscramble →

REASONING

↓
Group of letter
अक्षरों का समूह

↓
Modern Dictionary

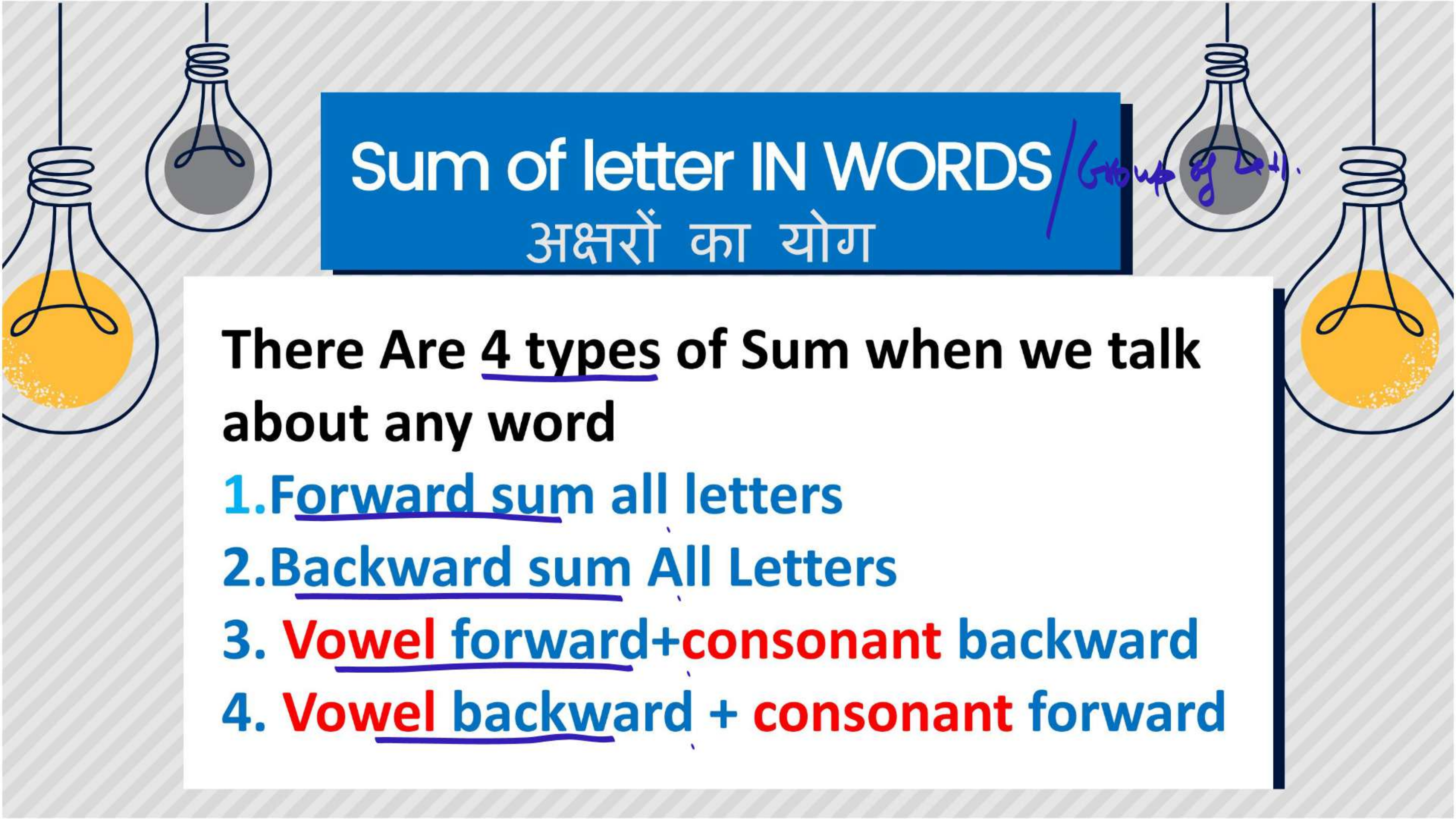
↓
सार्थक शब्द

Meaningful word

Ex.)

ROTNF

FRONT



Sum of letter IN WORDS

अक्षरों का योग

There Are 4 types of Sum when we talk about any word

1. Forward sum all letters

2. Backward sum All Letters

3. Vowel forward + consonant backward

4. Vowel backward + consonant forward

Sum of letter IN WORDS

योगफल (योग)



V I E W
22 9 5 23

योग →

$$22 + 9 + 5 + 23$$

$$\Rightarrow \underline{59} \checkmark$$

Assignment ⇒

विपरीत योग

OPPOSITE Sum of letter IN WORDS

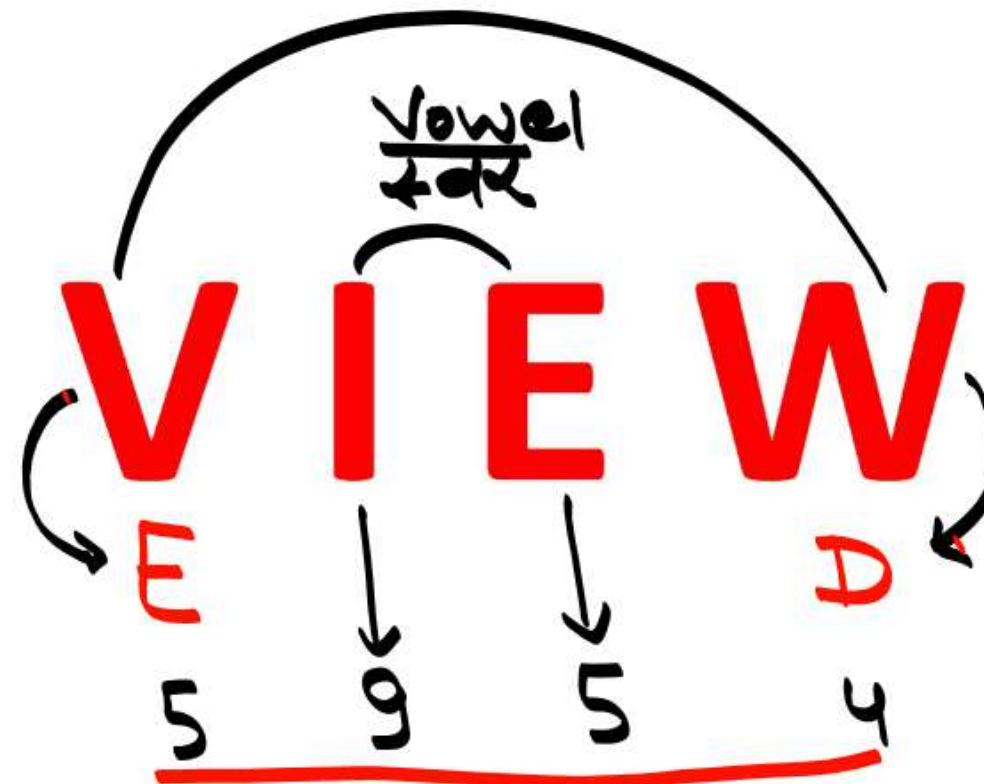
LOVE

V I E W
opposite → **E R V D**
5 18 22 4

$$\text{Opp. Sum} = 5 + 18 + 22 + 4 = 49$$

Vowel forward+ Consonant Backward^{opposite}

એક્ઝમ્પલ Consonant



Vowel Same, Conso opp
Sum

$$= 5 + 9 + 5 + 4$$
$$= 23$$

विपरीत

Vowel Backward+ Consonant Forward

व्यंजन

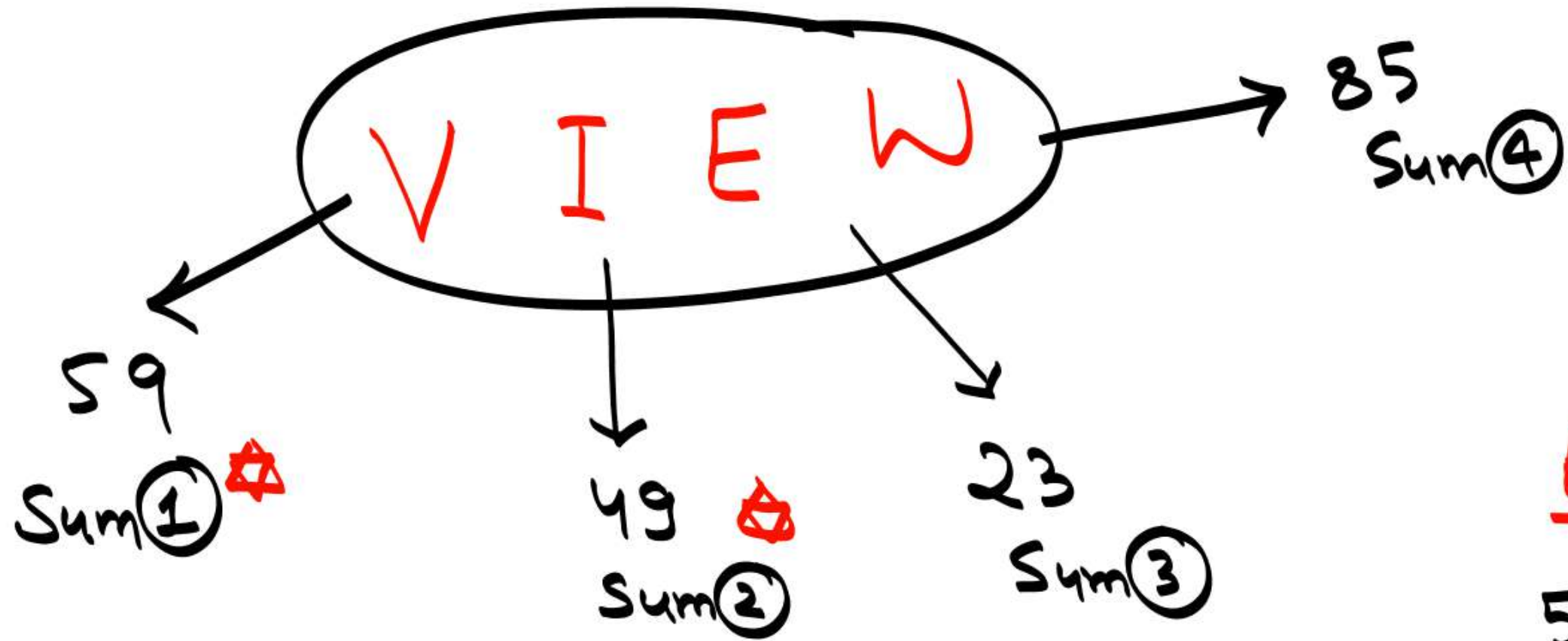
स्वर

V I E W

↓ ↓ ↓ ↓

22 18 22 23 ⇒ 85

શબ્દ (Word)



4 types of Sum

Assignment

50 શબ્દ

Sum of letter IN WORDS

Relation between the sum and opposite sum of any word/ कसी भी शब्द के योग व विपरीत योग में संबंध

$1+13+1+14 \Rightarrow 29$ ✓

$26+14+26+13 = 79$

$1+13+1+14 = 29$

A M A N

Σ 26 Σ 14 Σ 26 Σ 13

$1+14+2+13 = 29$

$26+13+26+14 = 79$

(विपरीत)

Vowel opp.

Conso opp

Assignment

① SIR

② DOG

③ TOOL

④ RAT

⑤ BAT

⑥ CILM

⑦ JYNU

⑧ MILT

⑨ MILK

⑩ TEDDY

⑪ ZEBRO

⑫ SIS

⑬ MOTHER
FATHER

ROOM

MATH

ENGLISH

SCIENCE

BIT

SKILL

JYOTI

RUPA

RAMESH

GAGAN

DHARM

PARAM

RATNI

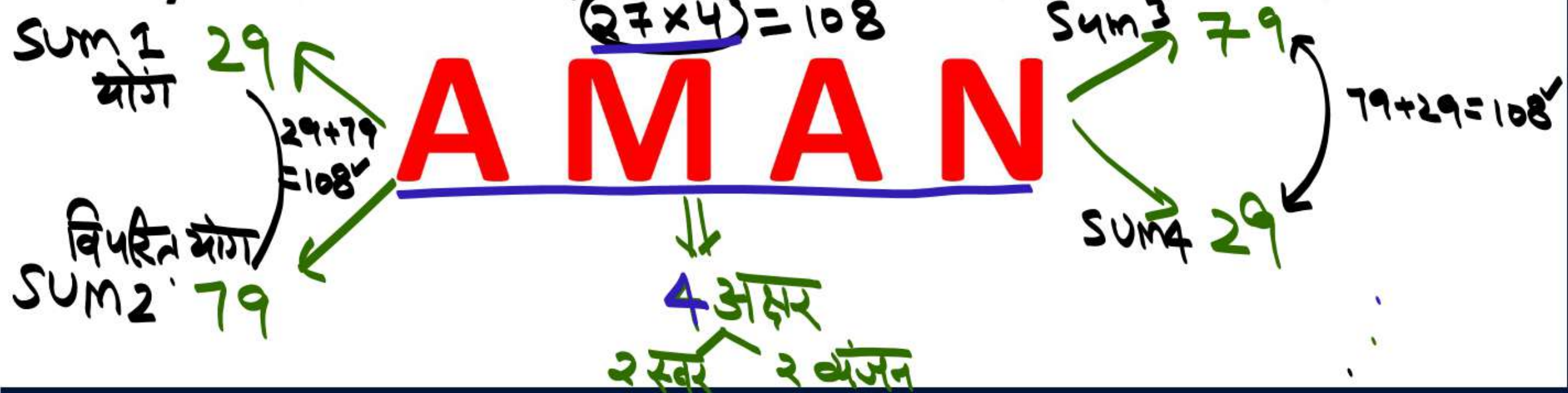
KANT

VIJAY

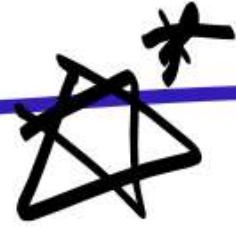
संबंध ✓

Relation

Relation between the sum and opposite sum of any word/ कसी भी शब्द के योग व वपरीत योग में संबंध



Concept



27 x अक्षरों की संख्या = योग + विपरीत योग

$$27 \times \text{No. of Lett} = \text{Sum} + \text{Opp. Sum}$$

opp.
Y Z G
25 26 7
58

③
← BAT
2 1 20

$$27 \times 3 = \begin{matrix} \text{sum} \\ 23 \end{matrix} + \begin{matrix} \text{opp sum} \\ 58 \end{matrix}$$

$$81 = 81 \checkmark$$

Relation

Relation between the sum and opposite sum of any word/ कसी भी शब्द के योग व वपरीत योग में संबंध

B L O O D

2

12

15

15

5

Y

O

L

L

योग = $2 + 12 + 15 + 15 + 5 = 49$

25

व. योग $135 - 49 = 86$

Relation

Relation between the sum and opposite sum of any word/ कसी भी शब्द के योग व विपरीत योग में संबंध

BEAUTY

2 5 1 21 20 25

Sum = 74 | opp Sum = $27 \times 6 - 74$

$162 - 74 = 88$

CONCEPT

Relation between the sum and opposite sum of any word/
कसी भी शब्द के योग व वपरीत योग में संबंध

B A T

2 1 20

योग = 23 वि. योग = $27 \times 3 - 23 \Rightarrow 81 - 23 = 58 \checkmark$

CONCEPT

Sum + Reverse Sum = $27 \times$ Number of letters
योग + वपरीत योग = $27 \times$ अक्षरों की संख्या

C U T E⁴
3 21 20 5

Sum = 49

Opp. Sum = $27 \times 4 - 49$
 $108 - 49 = 59$ ✓

EXAMPLE

Sum + Reverse Sum = $27 \times$ Number of letters
योग + वपरीत योग = $27 \times$ अक्षरों की संख्या

⁴
G I R L

7 9 18 12

Sum = 46

Opp Sum = $108 - 46 = 62$

EXAMPLE

Sum + Reverse Sum = $27 \times$ Number of letters
योग + वपरीत योग = $27 \times$ अक्षरों की संख्या

G A G A N

7 1 7 1 14

Sum = 30

Opp Sum = $27 \times 5 - 30 =$

$135 - 30 = 105 \checkmark$

EXAMPLE

Sum + Reverse Sum = $27 \times$ Number of letters
योग + वपरीत योग = $27 \times$ अक्षरों की संख्या

VARUN
22 1 18 21 14 = 76 योग

Opp Sum = 27×5
 $135 - 76 = 59$

EXAMPLE

Sum + Reverse Sum = $27 \times$ Number of letters
योग + वपरीत योग = $27 \times$ अक्षरों की संख्या

H A R I S H
8 1 18 9 19 8
Sum $\rightarrow$ 63 Opp Sum $\Rightarrow 27 \times 6 - 63$
162 - 63 = 99

LETTER CLASSIFICATION

Classification

26 अक्षर

$$\frac{20}{1} \rightarrow 20 - (4) = 16 \checkmark$$

21 व्यंजन
(Consonant)

Consonant order

= order - No. of Vowels came before

$$B = 2 - 1 = 1$$

$$M = 13 - 3 = 10 \checkmark$$

$$H = 8 - 2 = 6$$

05 स्वर

(Vowels)

¹ ⁵ ⁹ ¹³ ²¹
A E I O U

1 2 3 4 5

5 4 3 2 1

Reverse
Vowel
Order



LETTER CLASSIFICATION



26 અક્ષર

13 EVEN

B D F H J..
2 4 6 8 10

13 ODD

A C E G I...
1 3 5 7 9

LETTER CLASSIFICATION

26 અક્ષર

અમારું

9 PRIME

(POSITIONS)

²B ³C ⁵E ⁷G ¹¹K ¹³M

Q S W

¹⁷₁₇ ¹⁹₁₉ ²³₂₃

17 NON PRIMES

A D F H I J L N O P

R T U V X Y Z

LETTER CLASSIFICATION

26 અક્ષર

Perfect
Square ✓

A D I P Y
1 4 9 16 25

Perfect
Cubes

A H
1 8

$1^3 = 1$
 $2^3 = 8$



LETTER CLASSIFICATION



26 અક્ષર

SINGLE

DIGIT

A B C D E F

1 2 3 4 5 6

G H I

7 8 9

DOUBLE

DIGIT

¹⁰J ¹¹K ¹²L M N O P Q R S

T U V W X Y Z



Letter System

Thank You

0. Letter Basics



20-40%