



Topics based on letter based reasoning

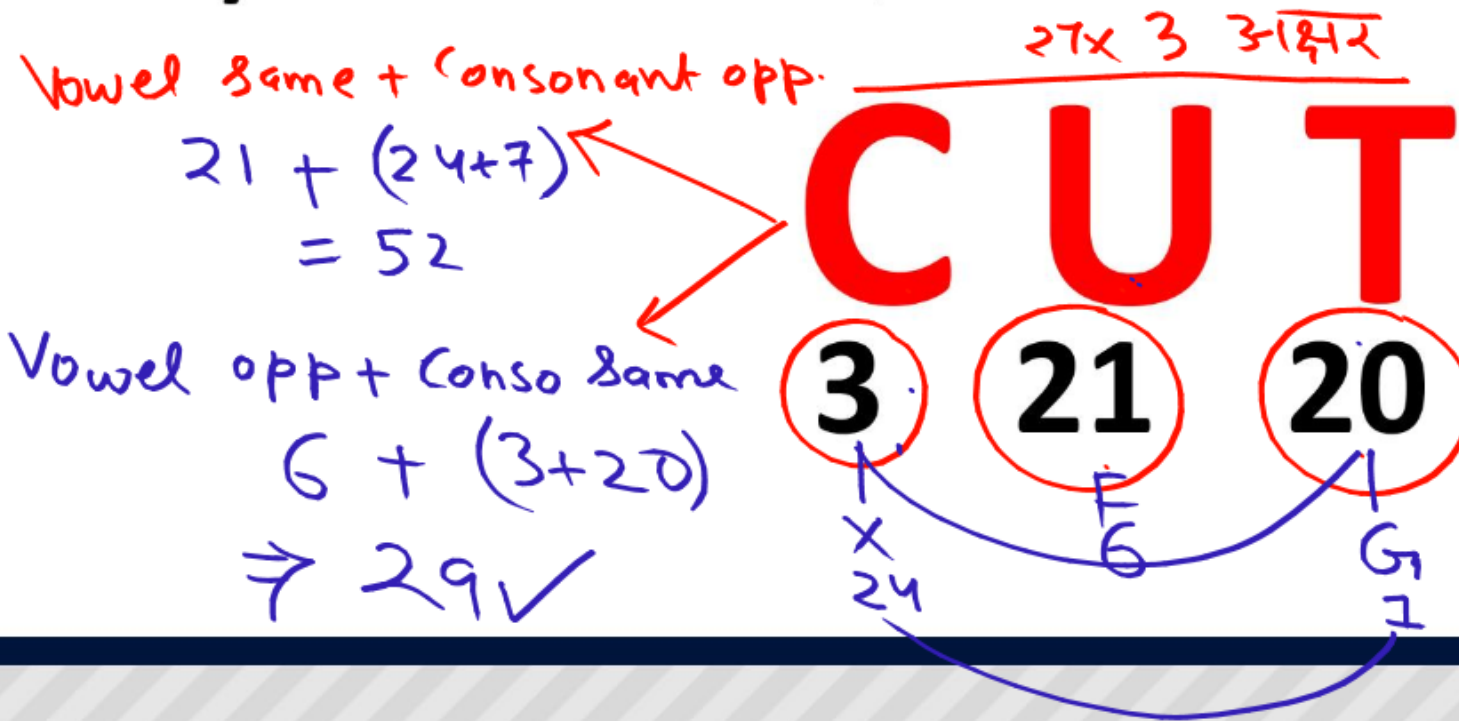


- **Coding decoding**
- **Alphabet Test**
- **Letter analogy**
- **Letter classification**
- **Missing Letter**
- **Letter series**
- **Letter sequence**
- **Alphanumeric Letter Reasoning**



CONCEPT

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

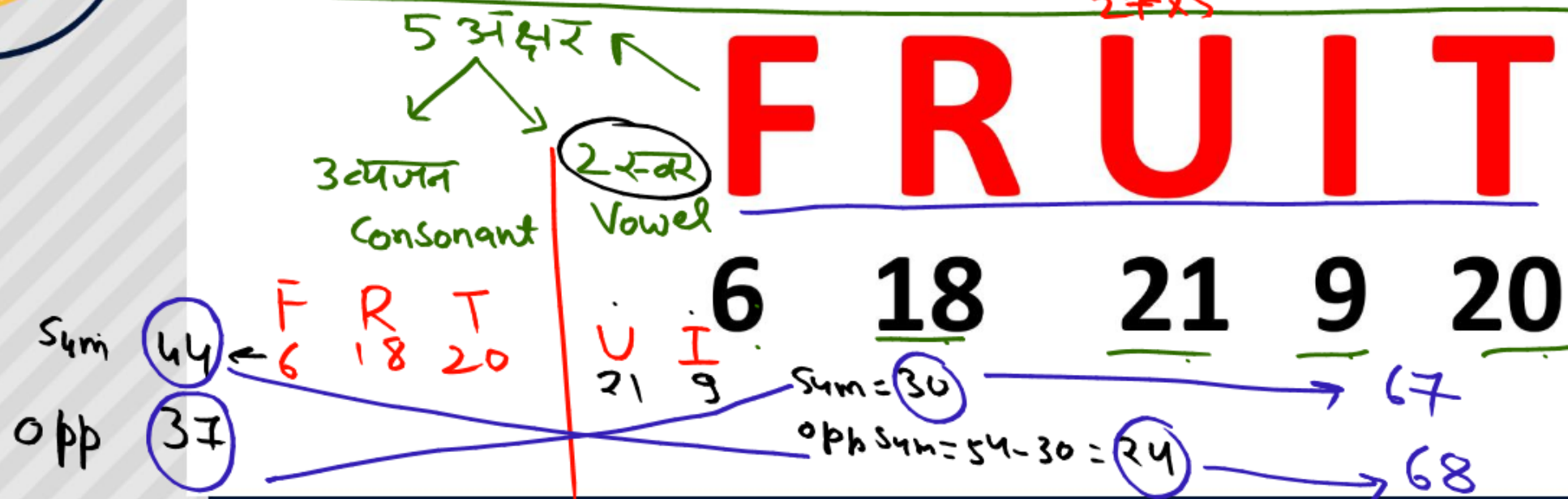


योग = 44

विपरीत योग = $81 - 44 = 37$

CONCEPT

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



Sum = 74

Opp Sum = $135 - 74$
= 61

27 ①
54 ②
81 ③
108 ④
135 ⑤
162 ⑥
189 ⑦
216 ⑧

EXAMPLE

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

STUDENT

19, 20, 21, 4, 5, 14, 20

7 अक्षर

54 7 अक्षर

2 स्वर

U, E

26 ← 21, 5

54 - 26

28 वि. योग

5 व्यंजन

S T D N T

19 20 4 14 20

77 योग

135 - 77

= 58

① 26 + 77

② 28 + 58

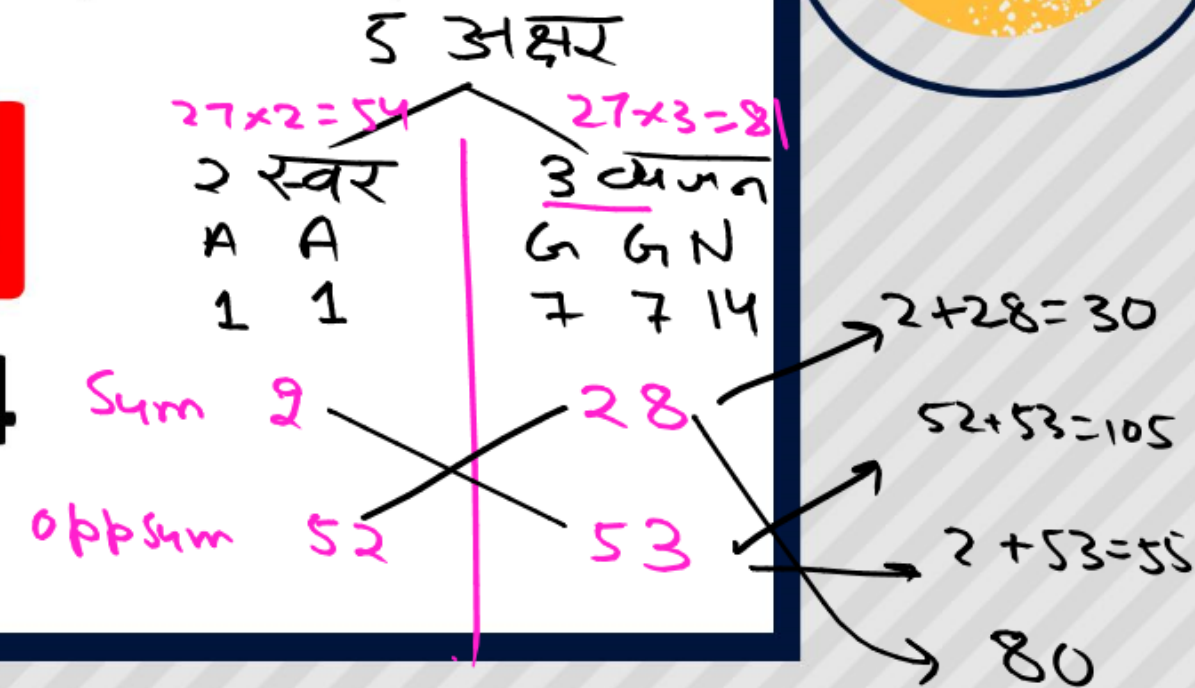
③ 26 + 58

④ 28 + 77

EXAMPLE

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

G A G A N
7 1 7 1 14



EXAMPLE

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

DHARMENDRA

4 8 1 18 13 5 14 4 18 1

10 अक्षर
3 स्वर
A E A
7 व्यंजन
योग = 86
वि. योग $\Rightarrow 270 - 86 = 184$

27×10
270

EXAMPLE

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

SELECTION

19 5 12 5 3 20 9 15 14

108 9 31 अक्षर
 27×4 Vowel Consonant
E E I O S L C T N
5 5 9 15 19 12 3 20 14
योग 34 68
वि. योग = $108 - 34 = 74$ $135 - 68 = 67$

$$\text{Sum} = 34 + 68 = 102$$

$$\text{OppSum} = 74 + 67 = 141$$

$$\Rightarrow 34 + 67 = 101$$
$$74 + 68 = 142$$

LETTER CLASSIFICATION

26 अक्षर

Conso. Order = For order - (No. of vowels same before)

Consonant order

BCDFGHJKL MN PQ RST VWXY Z
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

21 व्यंजन

(Consonant)

M R X Y Z

Ranking

$21 - 6 + 1 \Rightarrow 16^{\text{th}}$

17

17 - 4 =

13

16
P

$16 - 4 = 12$

10
J

$10 - 3 = 7$

26
Z

$26 - 5 \Rightarrow 21$

Vowel
order

05 स्वर

(Vowels)

A E I O U

→ 1 2 3 4 5
5 4 3 2 1 ←



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

8 PRIME
(POSITIONS)

2 3 5 7 11 13
B C E G K M

Q S W
17 19 23

17 NON PRIMES

1 4 6 8 9 10 12 14 15 16
A D F H I J L N O P

R T U V X Y Z
18 20 21 22 24 25 26



LETTER CLASSIFICATION



26 અક્ષર

Perfect
Square

A D I P Y
1 4 9 16 25

Perfect
Cubes

A H
1 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

10 11 12 13 14 15 16 17 18 19
J K L M N O P Q R S

T U V W X Y Z
20 21 22 23 24 25 26



Thank You

Coding ✓ - decoding ✓