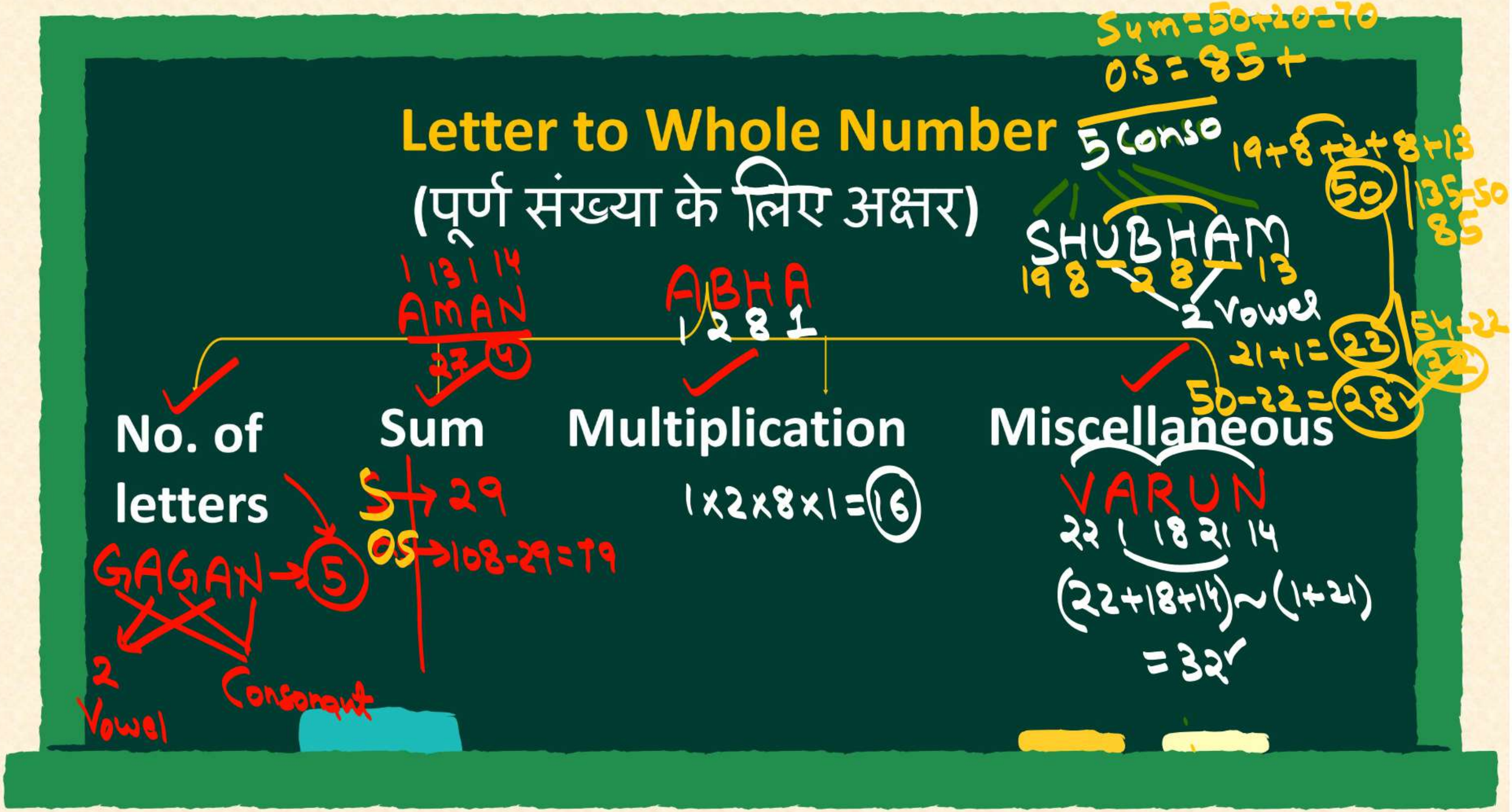
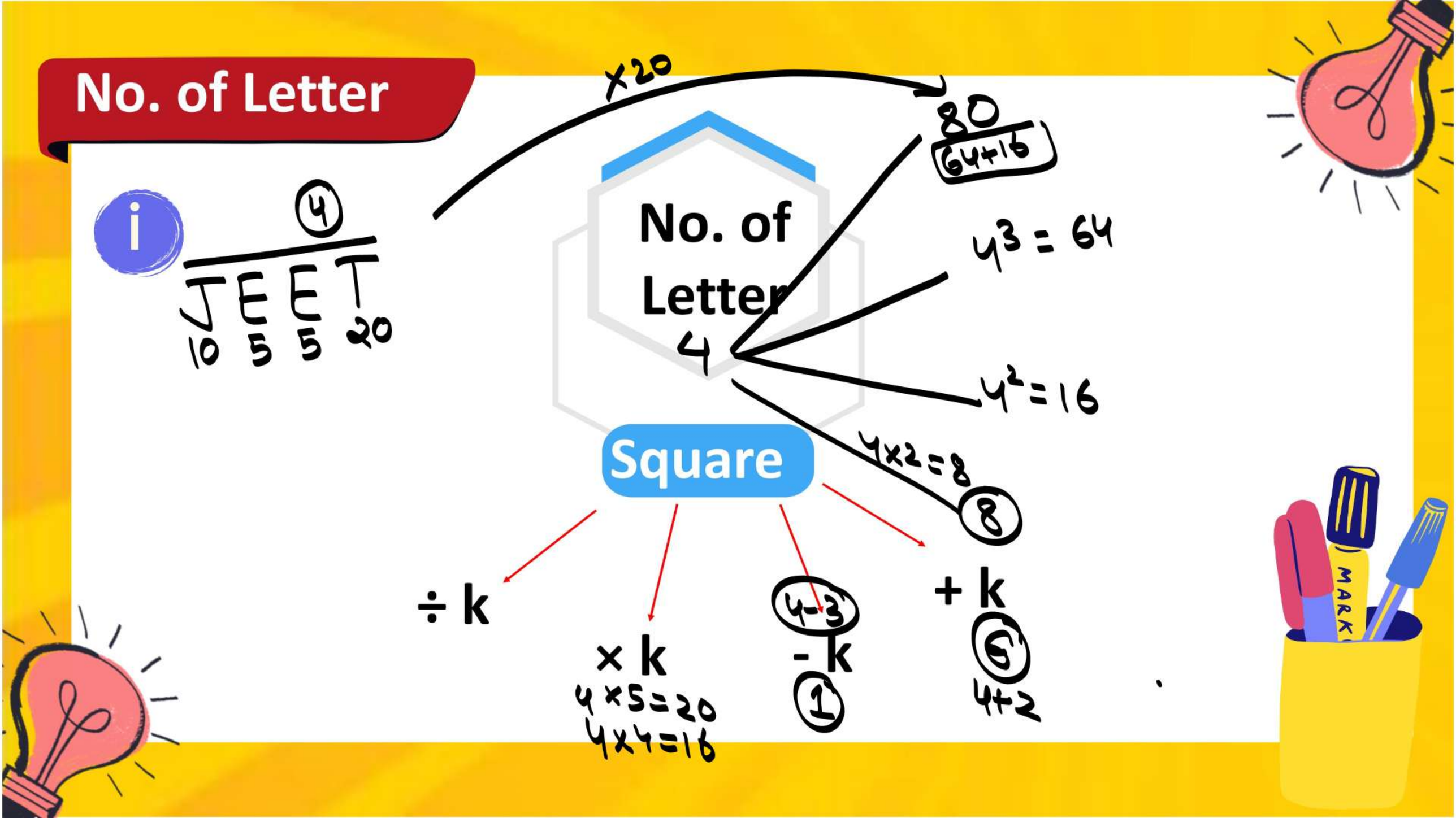
Letter to Whole Number

(पूर्ण संख्या के लिए अक्षर)



No. of Letter


No. of Letter
4
Square
×20
80
64+16
4³ = 64
4² = 16
4×2 = 8
8
÷ k
× k
4×5=20
4×4=16
4-3
- k
1
+ k
6
4+2

EXAMPLE

6

G O V I N D

7 15 22 9 14 4

No. Vowel = 2

Consonant = 4

No. of letters (अक्षरों की संख्या) = 6

Logics:-

01 $(\text{No. of Letters})^2 + 2 = 36 + 2 = 38$

02 $(\text{No. of Letters})^2 - 2 = 36 - 2 = 34$

03 $(\text{No. of Letters})^2 \times 2 = 36 \times 2 = 72$

04 $(\text{No. of Letters})^2 \div 2 = 36 \div 2 = 18$

05 $(\text{No. of Letters})^2 = (6)^2 = 36$

No. of Letter

ii

No. of Letter

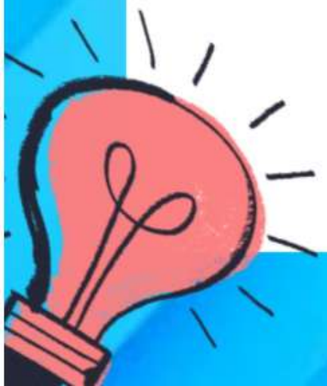
Cube (घन)

+ k

- k

× k

÷ k



EXAMPLE

REASON

6

No. of letters (अक्षरों की संख्या) = 6

Logics:-

01 $(\text{No. of Letters})^3 + 3 = (6)^3 + 3 = 219$

02 $(\text{No. of Letters})^3 - 3 = (6)^3 - 3 = 213$

03 $(\text{No. of Letters})^3 \times 3 = (6)^3 \times 3 = 648$

04 $(\text{No. of Letters})^3 \div 3 = (6)^3 \div 3 = 72$

05 $(\text{No. of Letters})^3 = (6)^3 = 216$

iii

No. of Letters ± / = k

अक्षरों की संख्या + / – k

Example

6

L E G A C Y

No. of letters (अक्षरों की संख्या) = 6

Logics:-

01 No. of Letters + 1 = 6 + 1 = 7

02 No. of Letters – 1 = 6 – 1 = 5

iv

No. of Letters × / ÷ k

अक्षरों की संख्या × / ÷ k

Example

7

COMPANY

No. of letters (अक्षरों की संख्या) = 7

Logic

01 No. of Letters × 3 = 7 × 3 = 21

02 No. of Letters ÷ 1 = 7 ÷ 1 = 7

No. of Letters (अक्षरों की संख्या)

× / ÷
No. of vowels (स्वरों की संख्या)

× / ÷
No. of consonants (व्यंजनों की संख्या)

Example

SELECTION (9)
vowel

No. of letters (अक्षरों की संख्या) = 9
No. of vowels (स्वरों की संख्या) = 4
No. of consonants (व्यंजनों की संख्या) = 5

Logics:-

01 (No. of Letters) × (No. of vowels) = 9×4 = 36 ✓

02 (No. of letters) × (No. of consonants) = 9×5 = 45 ✓

03 (No. of vowels) × (No.of consonants) = 4×5 = 20 ✓

Sum of Letter (अक्षरों का योग)

Sum of Letters + / – k

अक्षरों का योग + / – k

Example

SUCCESS (7)

- (अक्षरों का योग) Sum of Letters = 19+21+3+3+5+19+19=89
- (अक्षरों की संख्या) No. of Letters = 7

Logics:-

01 sum of letters – 5 = 89 – 5 = 84

02 sum of letters + 5 = 89 + 5 = 94

03 sum of letters – No. of letters = 89 – 7 = 82

04 sum of letters + No. of letters = 89 + 7 = 96

Sum of Letter (अक्षरों का योग)

ii

Sum of Letters × / ÷ k

अक्षरों का योग × / ÷ k

Example

TASK

- (अक्षरों का योग) **Sum of Letters**
  = 20 + 1 + 19 + 11 = 51
- (अक्षरों की संख्या) **No. of Letters = 4**

Logics:-

01 **sum of letters × 2 = 51 × 2 = 102**

02 **sum of letters ÷ 3 = 51 ÷ 3 = 17**

03 **sum of Letters × (No. of Letters) = 51 × 4 = 204**

$(\text{Sum of Letters})^2$

EXAMPLE **A C D** → (अक्षरों का योग) Sum of Letters = 1 + 3 + 4 = 8

Logics:-

01 $(\text{Sum of Letters})^2 = (8)^2 = 64$ ✓

02 $(\text{Sum of Letters})^2 + 3 = (8)^2 + 3 = 67$

03 $(\text{Sum of Letters})^2 - 2 = 64 - 2 = 62$

04 $(\text{Sum of Letters})^2 \times 2 = 64 \times 2 = 128$

05 $(\text{Sum of Letters})^2 \div 4 = (8)^2 \div 4 = 16$

$(\text{Sum of Letters})^3$

EXAMPLE D E F → (अक्षरों का योग) Sum of Letters =4 + 5 + 6 = 15

$15^3 \rightarrow 3375$

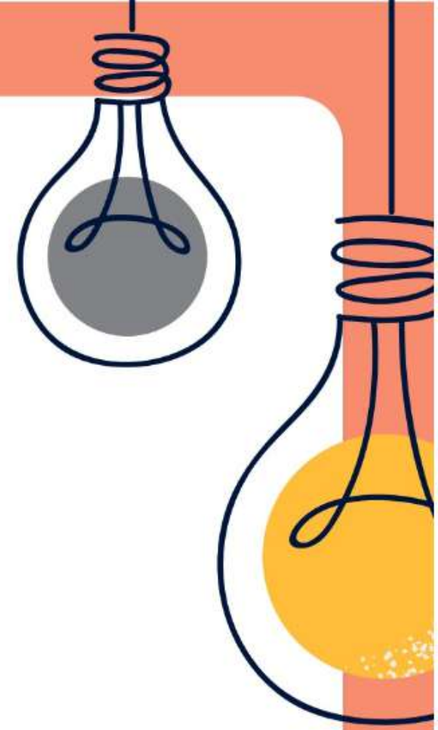
Logics:-

01 $(\text{Sum of Letters})^3 + 3 = (15)^3 + 3 = 3378$

02 $(\text{Sum of Letters})^3 - 3 = (15)^3 - 3 = 3372$

03 $(\text{Sum of Letters})^3 = (15)^3 = 3375$

गुणा
Multiplication



EXAMPLE : (i)

C A T

3 × 1 × 20 = 60

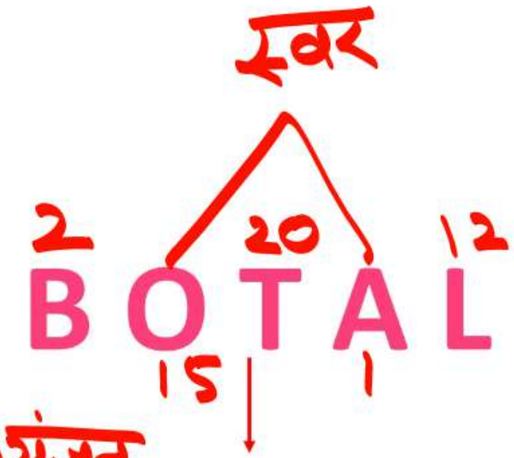
EXAMPLE : (ii)

P A R T

16 × 1 × 18 × 20 = 5760

विविध
Miscellaneous

EXAMPLE :- 1



(sum of consonants - sum of vowels)

= (2 + 20 + 12) – (15 + 1)

= 18

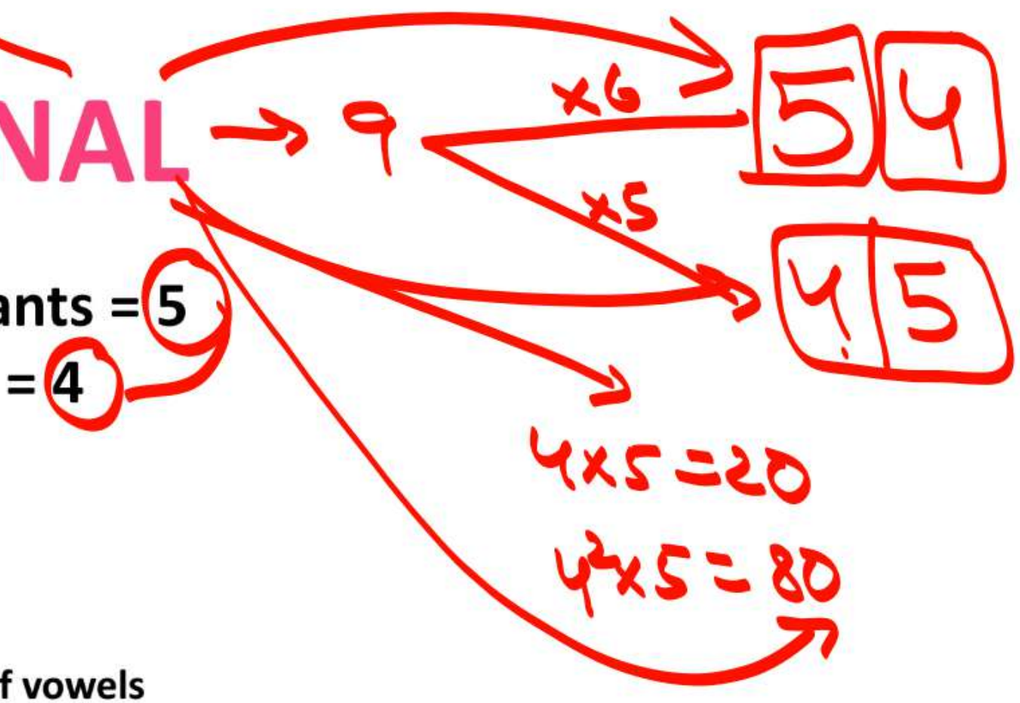
विविध
Miscellaneous

EXAMPLE :-2

SEMIFINAL

Number of consonants = 5

Number of vowels = 4



LOGIC

Number of vowels

Number of consonants

विविध
Miscellaneous

Sum + opposite Sum = 27 × No. of Letter

EXAMPLE :-3

5	14	10	15	25	= 69 (Sum)
E	N	J	O	Y	
↓	↓	↓	↓	↓	
V	M	Q	L	B	

Opp. Sum $22 + 13 + 17 + 12 + 2 = 66$

Logic:- sum of position of opposite Letters

RADHIKA → 7 अक्षर

Vowel — A, I, A — 3 स्वर

Sum = 1+9+1 = 11

Opp Sum → 27×3 − 11 = 70

R, D, H, K — 4 व्यंजन

Sum = 18+4+8+11 = 41

Opp. Sum. = 27×4 − 41 = 108 − 41 = 67

1. Sum → 11+41 = 52
2. Opp Sum → 70+67 = 137
3. Vowel Same + Conso Opp → 11+67 = 78
4. Vowel Opp + Conso Same → 70+41 = 111

27
54
81
108
135
162
189
216
243
270
297

विविध
Miscellaneous

EXAMPLE :-4

R A D I O

18 + 1 + 4 + 9 + 15 = 47

Digit Sum = 4 + 7 = 11

अंकीय योग

Logic:- Digit sum of sum of Letters

Practice Questions

1

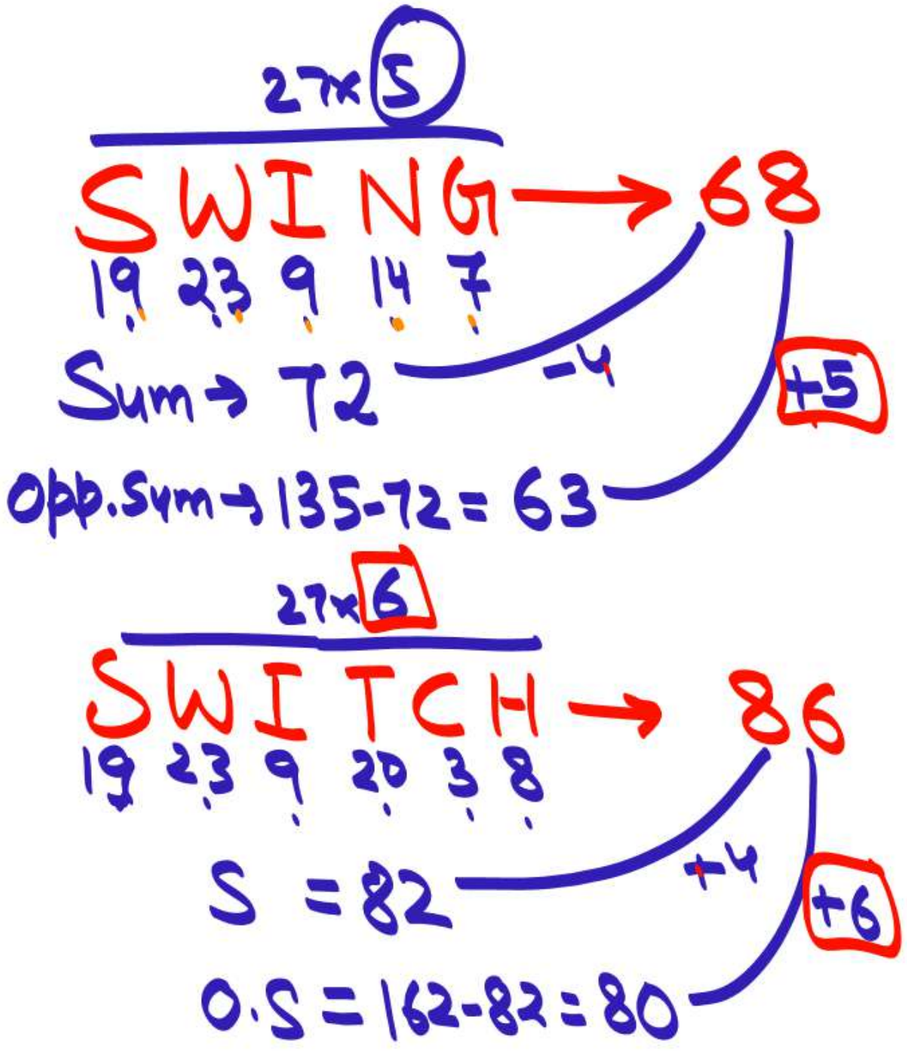
In a certain code language, 'SWING' is written as '68' and 'SWITCH' is written as '86'. How will 'BOARD' be written in that language?

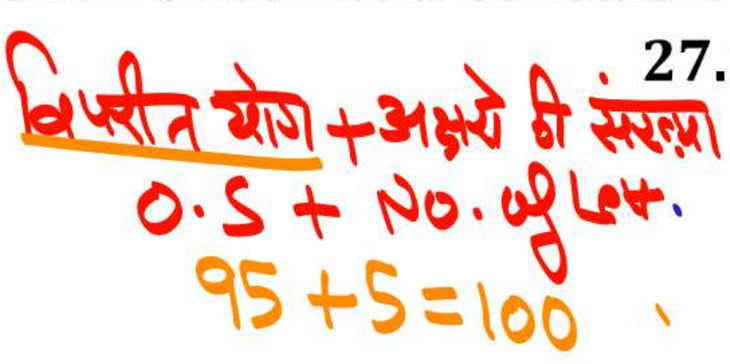
एक निश्चित कूट भाषा में, **'SWING'** को **'68'** और **'SWITCH'** को **'86'** लिखा जाता है। उस भाषा में **'BOARD'** कैसे लिखा जाएगा?

(a) 106 (b) 100

(c) 69 (d) 95

(Delhi Police Head Constable AWO/TPO 2022, 27.10.2022 shift - 1)





2

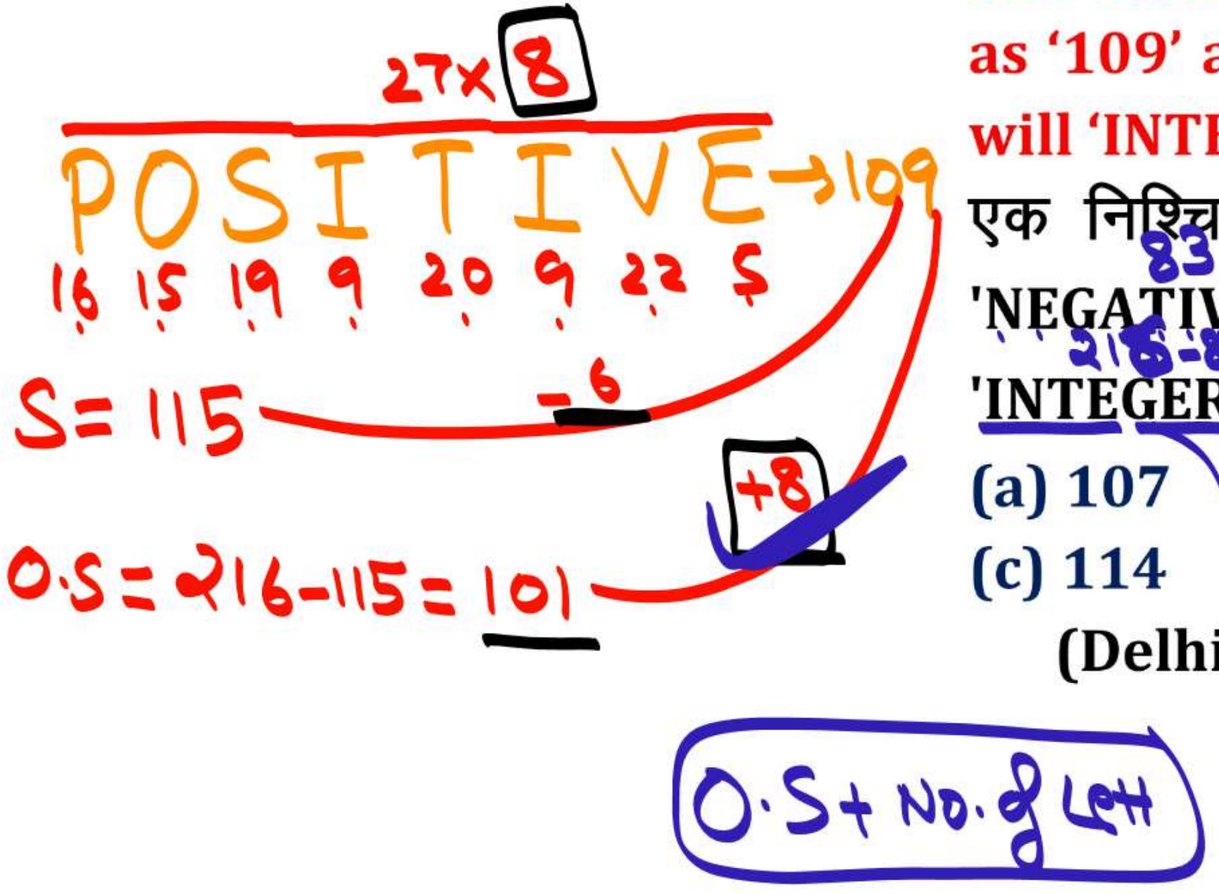
In a certain code language, 'POSITIVE' is written as '109' and 'NEGATIVE' is written as '141'. How will 'INTEGER' be written in that language?

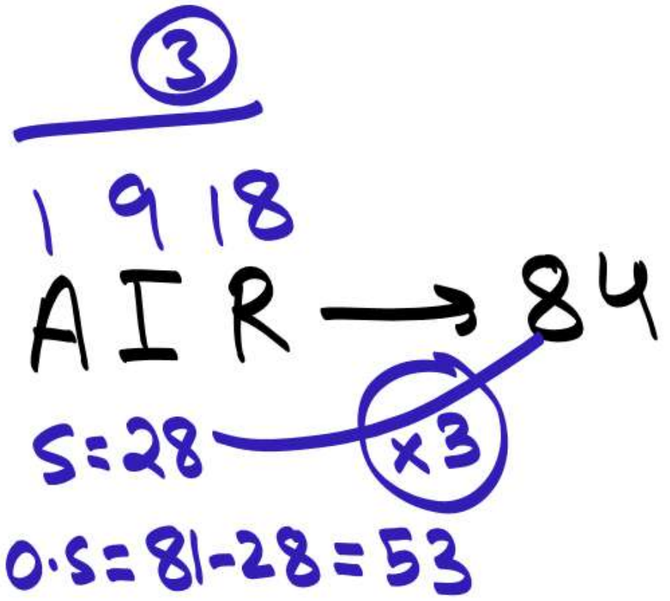
एक निश्चित कूट भाषा में, 'POSITIVE' को '109' और 'NEGATIVE' को '141' लिखा जाता है। उस भाषा में 'INTEGER' कैसे लिखा जाएगा?

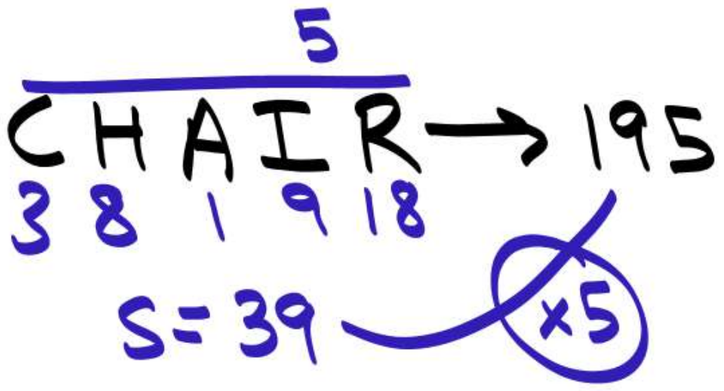
(a) 107 (b) 111

(c) 114 (d) 118

(Delhi Police Head Constable AWO/TPO 2022, 27.10.2022 shift - 2)







3

In a certain code language, 'AIR' is written as '84', and 'CHAIR' is written as '195'. How will 'LAND' be written in that language?

एक निश्चित कूट भाषा में, 'AIR' को '84' लिखा जाता है, और 'CHAIR' को '195' लिखा जाता है। उस भाषा में 'LAND' कैसे लिखा जाएगा?

(a) 120 (b) 128

(c) 124 (d) 132

(Delhi Police Head Constable AWO/TPO 2022, 28.10.2022 shift - 1)

(No. of Let) × (Sum)

4 × 31 = 124

4

In a certain code language, 'DUCK' is written as '16' and 'SHEEP' is written as '25'.How will 'TURKEY' be written in that language?

एक निश्चित कूट भाषा में, 'DUCK' को '16' और 'SHEEP' को '25' लिखा जाता है। उस भाषा में 'TURKEY' को कैसे लिखा जाएगा?

(a) 36
(b) 42
(c) 49
(d) 30

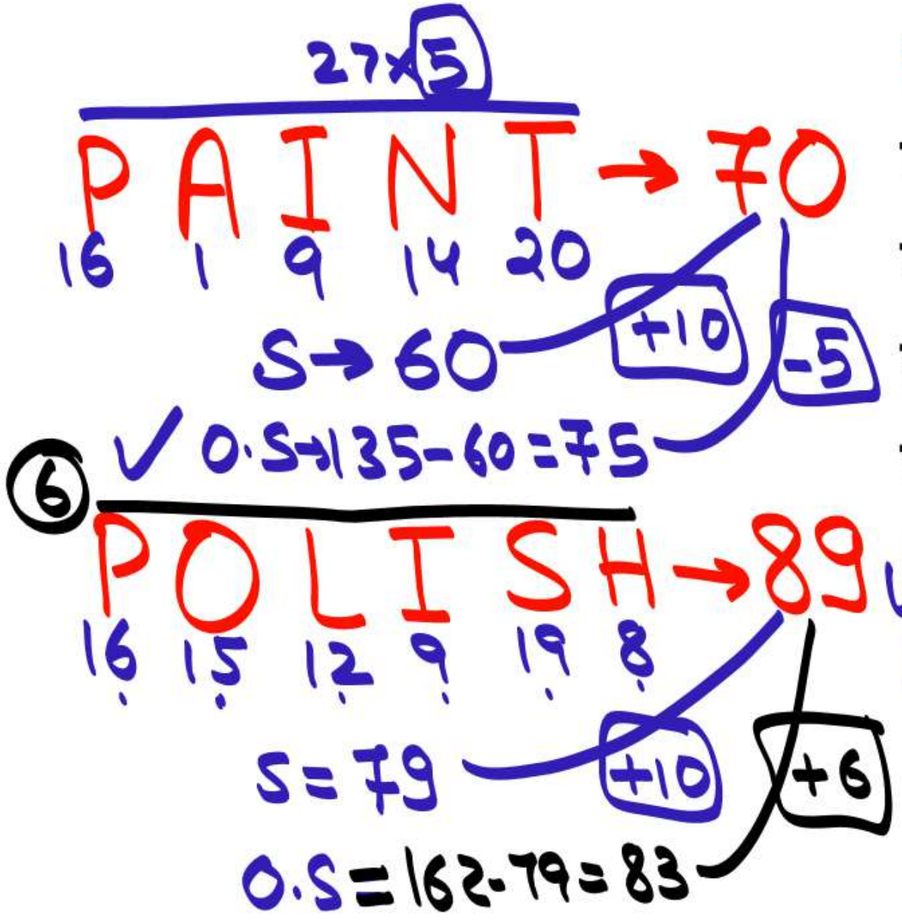
(Delhi Police Head Constable AWO/TPO 2022, 28.10.2022 shift - 2)

5

In a certain code language, 'PAINT' is coded as '70', and 'POLISH' is coded as '89'. How will 'CLEAN' be coded in that language?

एक निश्चित कोड भाषा में, 'PAINT' को '70' के रूप में कोडित किया जाता है, और 'POLISH' को '89' के रूप में कोडित किया जाता है। उस भाषा में 'CLEAN' को कैसे कूटबद्ध किया जाएगा?

(a) 45 (b) 35
(c) 40 (d) 95



RRB NTPC 2019 CBT-2, (LEVEL-2) (16-06-2022, Shift-2)

6

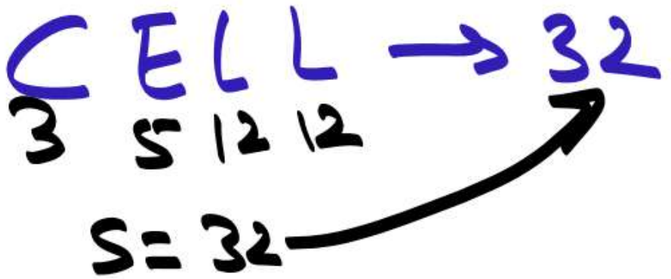
In a certain code language, ‘CELL’ is written as '32’, 'PHONE’ is written as '58’. How will 'BOLD’ be written in that language?

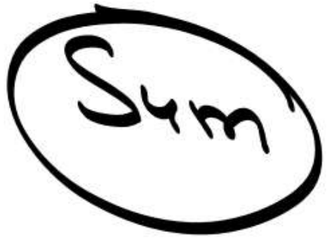
एक निश्चित कूट भाषा में, 'CELL' को '32', 'PHONE' को '58' लिखा जाता है। उस भाषा में 'BOLD' कैसे लिखा जाएगा?

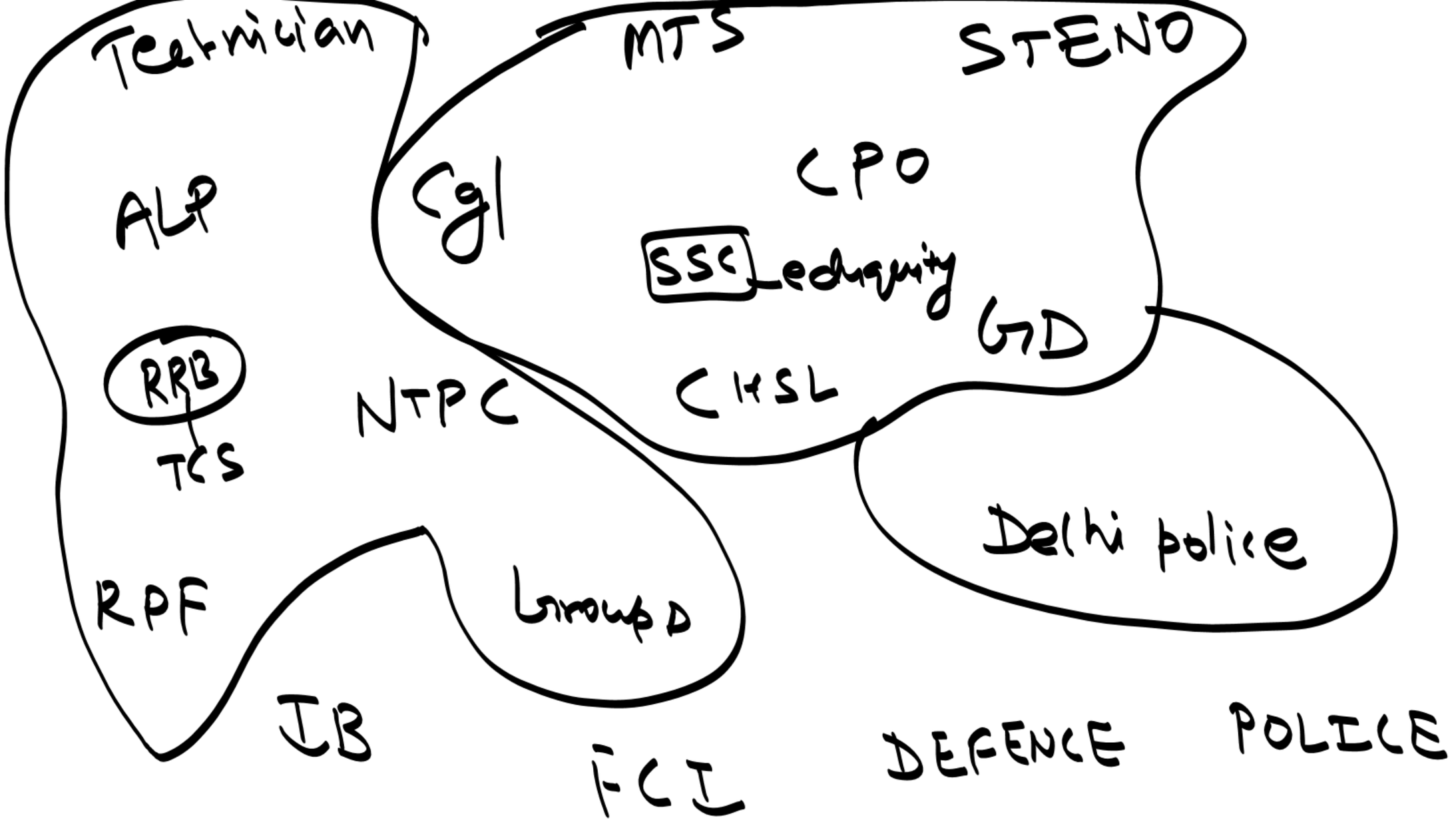
(a) 33 (b) 32

(c) 43 (d) 54

(NTPC, CBT-2, Level – 3, 17.06.2022 Shift-1)






Technician
MTS
STENO
ALP
Cgl
CPO
SSC
eduquity
GD
RRB
TCS
NTPC
CHSL
Delhi police
RPF
Group D
IB
FCI
DEFENCE
POLICE

7

In a certain code language, 'YOU' is coded as '20' and 'LIP' is coded as '44'. What is the code for 'ROB' in the given code language?

एक निश्चित कोड भाषा में, 'YOU' को '20' के रूप में कोडित किया जाता है और 'LIP' को '44' के रूप में कोडित किया जाता है। दी गई कूट भाषा में 'ROB' के लिए कूट क्या है?

(a) 46 (b) 41

(c) 44 (d) 42

SSC MTS 2023, 08/09/2023 (Shift-1)

8

fixed coding

In a certain code language, 'NEAR' is coded as '4968' and 'REAP' is coded as '9865'. What is the code for 'P' in the given code language?

एक निश्चित कोड भाषा में, 'NEAR' को '4968' के रूप में कोडित किया जाता है और 'REAP' को '9865' के रूप में कोडित किया जाता है। दी गई कूट भाषा में 'P' के लिए कूट क्या है?

(a) 8
(b) 6
(c) 5
(d) 9

SSC MTS 2023, 11/09/2023 (Shift-2)

9

In a certain code language, 'NAME' is coded as '2473' and 'MEND' is coded as '7642'. What is the code for 'D' in the given code language?

एक निश्चित कोड भाषा में, 'NAME' को '2473' के रूप में कोडित किया जाता है और 'MEND' को '7642' के रूप में कोडित किया जाता है। दी गई कूट भाषा में 'D' के लिए कूट क्या है?

(a) 7
(b) 2
(c) 6
(d) 4

SSC MTS 2023, 06/09/2023 (Shift-1)

10

Elimination

In a certain code language, 'BATH' is coded as '1482' and 'HALT' is coded as '8126'. What is the code for 'L' in the given code language?

एक निश्चित कोड भाषा में, 'BATH' को '1482' के रूप में कोडित किया जाता है और 'HALT' को '8126' के रूप में कोडित किया जाता है। दी गई कूट भाषा में 'L' के लिए कूट क्या है?

(a) 1
(b) 8
(c) 6
(d) 2

SSC MTS 2023, 01/09/2023 (Shift-2)