

Reasoning



Reasoning

1. Letter Based Reasoning
2. Number Based Reasoning
3. Alphanumeric Reasoning
4. Social Intelligence
5. Problem solving
6. Logical & Analytical reasoning
7. Sitting Arrangement & Puzzle
8. Non Verbal Reasoning



Letter Based Reasoning

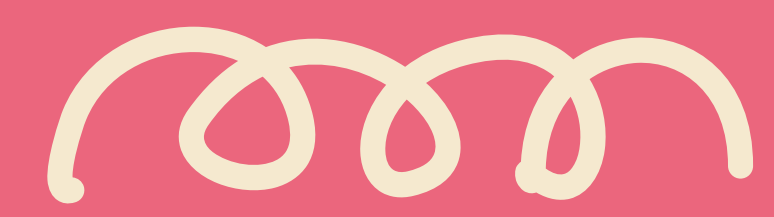
Letter Basics

1. Coding decoding
2. Alphabet Test
3. Letter Analogy
4. Letter Classification
5. Missing Letters
6. Letter series & Sequence



Letter SYSTEM





Topics based on letter system



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

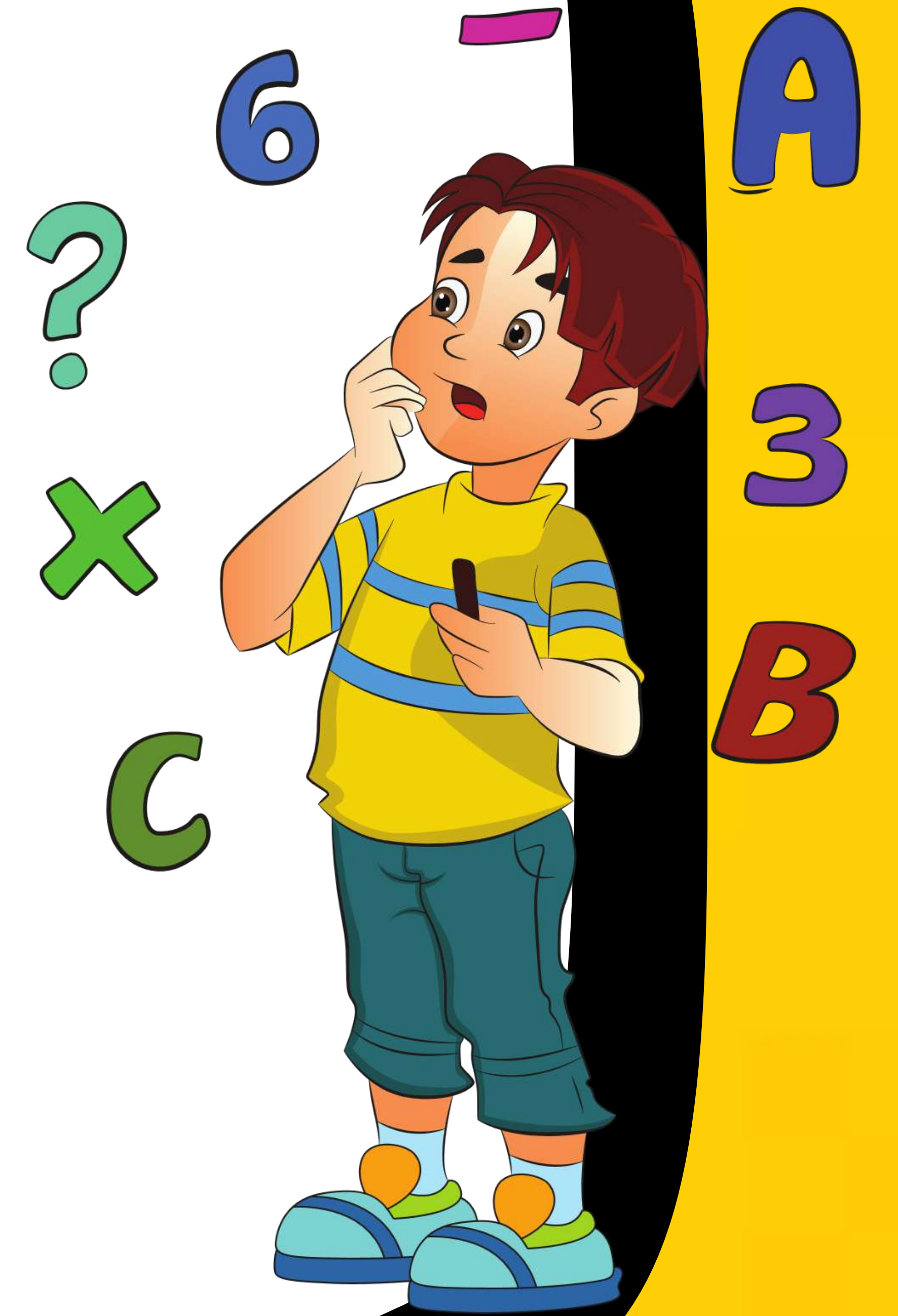


Basic Letter knowledge

Required for the above
topics

USEFUL LEARNINGS ABOUT
LETTERS

उपयोगी जानकारी



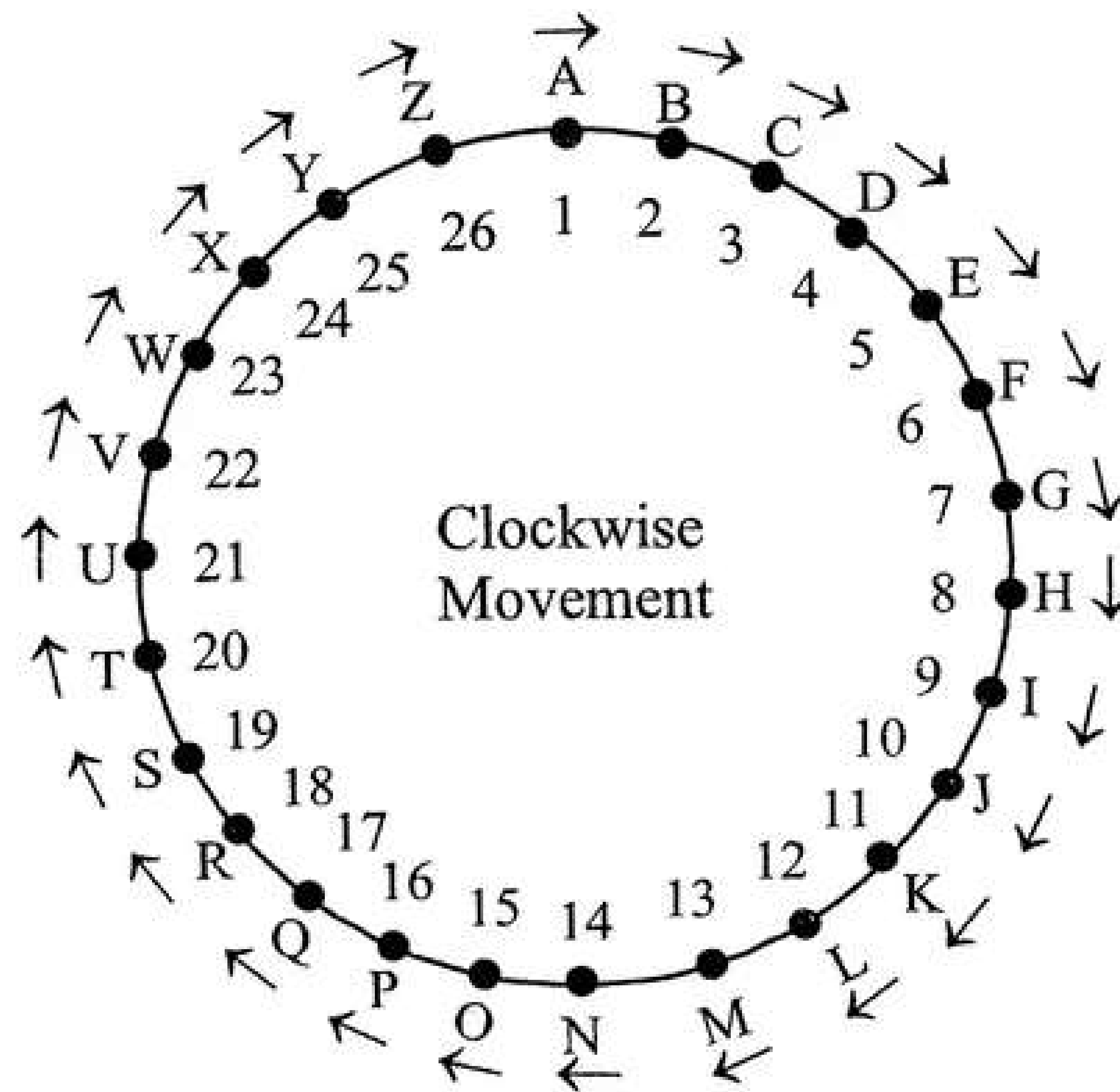
Order Of The English Alphabet

Forward order position	Letters	Backward order position
1	A	26
2	B	25
3	C	24
4	D	23
5	E	22
6	F	21
7	G	20
8	H	19
9	I	18
10	J	17
11	K	16
12	L	15
13	M	14

Forward order position	Letters	Backward order position
14	N	13
15	O	12
16	P	11
17	Q	10
18	R	9
19	S	8
20	T	7
21	U	6
22	V	5
23	W	4
24	X	3
25	Y	2
26	Z	1



Clockwise Movement



X → **B**
24 2

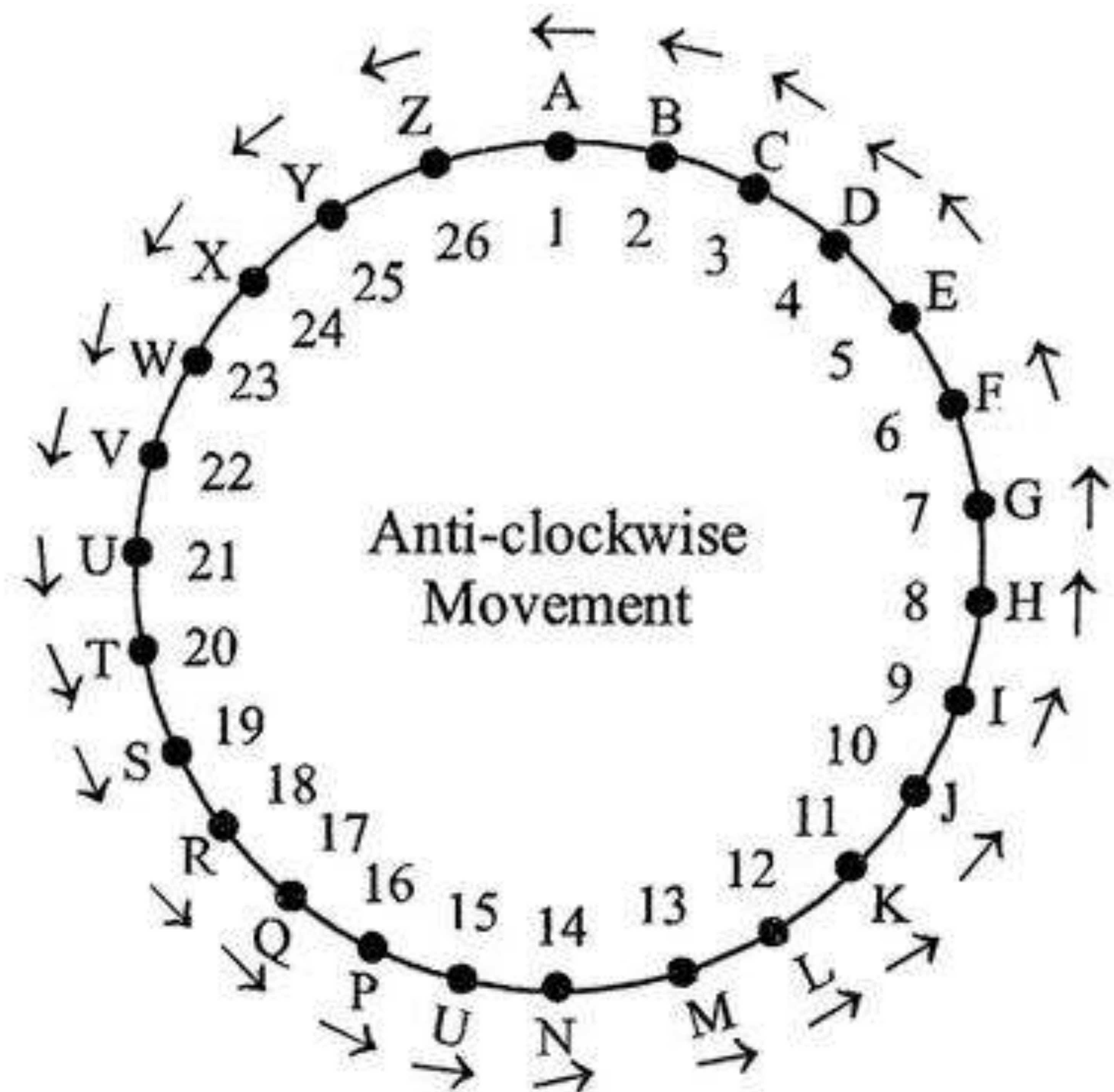
S → **Y**
19 25

F → **S**
6 19

B → **F**
2 6



Anti-Clockwise Movement



Concept

दो अक्षरों के बीच अंतर

Forward Diff. + Backward Diff.

= 26



Y → **J**
25 10

M → **V**
13 22

Q → **Y**
17 25

N → **P**
14 16

K → **Q**
11 17

Q → **S**
17 19

Q → **A**
17 1

T → **F**
20 6

M → **U**
13 21

S → **D**
19 4

R → **A**
18 1

Y → **W**
25 23

A → **T**
1 20

W → **B**
23 2

X → **A**
24 1

Positional Difference

```
graph TD; A[Positional Difference] --> B[Forward]; A --> C[Backward]; B --> D[Clockwise]; B --> E[दक्षिणावर्त]; C --> F[Anti-Clockwise]; C --> G[वामावर्त];
```

Forward

आगे से क्रम

Clockwise

दक्षिणावर्त

Backward

पीछे से क्रम

Anti-Clockwise

वामावर्त

दो अक्षरों के बीच के अक्षर ज्ञात करना

Finding letters between two given letters

👉 **A और T के बीच कतने अक्षर हैं?**

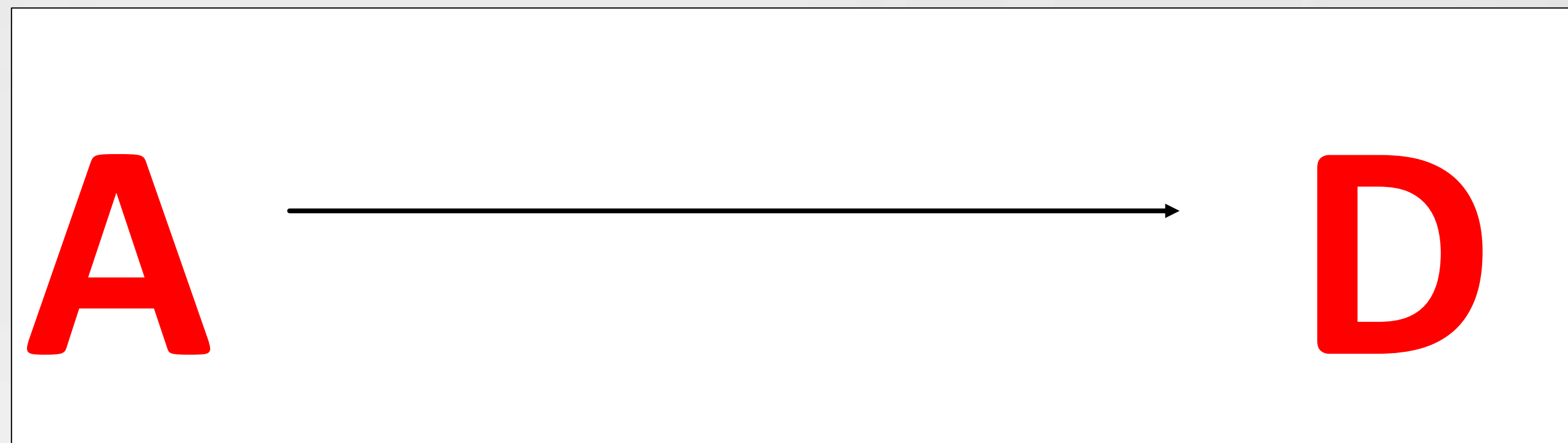
Concept

Positional change - 1
= Letters between

स्थान परिवर्तन - 1
= बीच के अक्षरों की संख्या



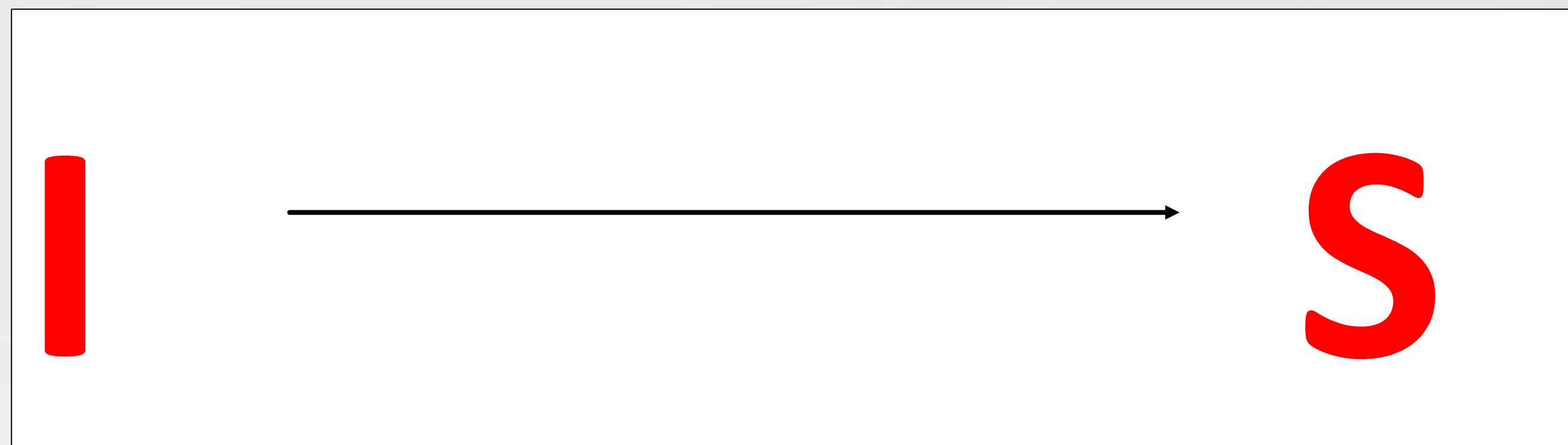
बताइए A व D के बीच कतने अक्षर हैं?



बताइए A व D के बीच कतने अक्षर हैं?

M → **W**

बताइए A व D के बीच कतने अक्षर हैं?



बताइए A व D के बीच कतने अक्षर हैं?

X —————→ **C**

बताइए A व D के बीच कतने अक्षर हैं?

C → H

Method to Remember the Position of Letters in English Alphabet





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
Jodi*



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



Opposite Letter



(i) A Z (Aaza)
↓ ↓
1 + 26 = 27

(ii) B Y (By)
↓ ↓
2 + 25 = 27

(ii) C X (Six)
↓ ↓
3 + 24 = 27

(iv) D W (Dew)
↓ ↓
4 + 23 = 27

(v) E V (Evening)
↓ ↓
5 + 22 = 27

(vi) F U (Uff)
↓ ↓
6 + 21 = 27

(vii) G T (GT Road)
↓ ↓
7 + 20 = 27

(viii) H S (High School)
↓ ↓
8 + 19 = 27

(ix) I R (Indian Railways)
↓ ↓
9 + 18 = 27

(x) J Q (Jack Queen)
↓ ↓
10 + 17 = 27

(xi) K P (Kevin Peterson)
↓ ↓
11 + 16 = 27

(xii) L O (Love)
↓ ↓
12 + 15 = 27

(xiii) M N (Man)
↓ ↓
13 + 14 = 27



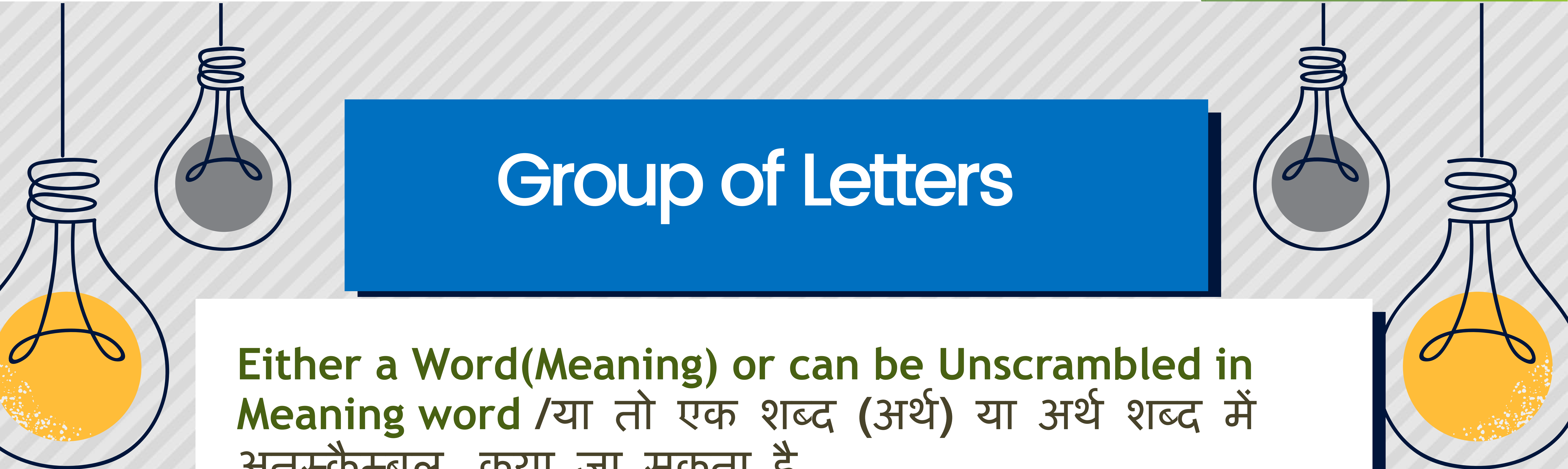
NOTE

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।



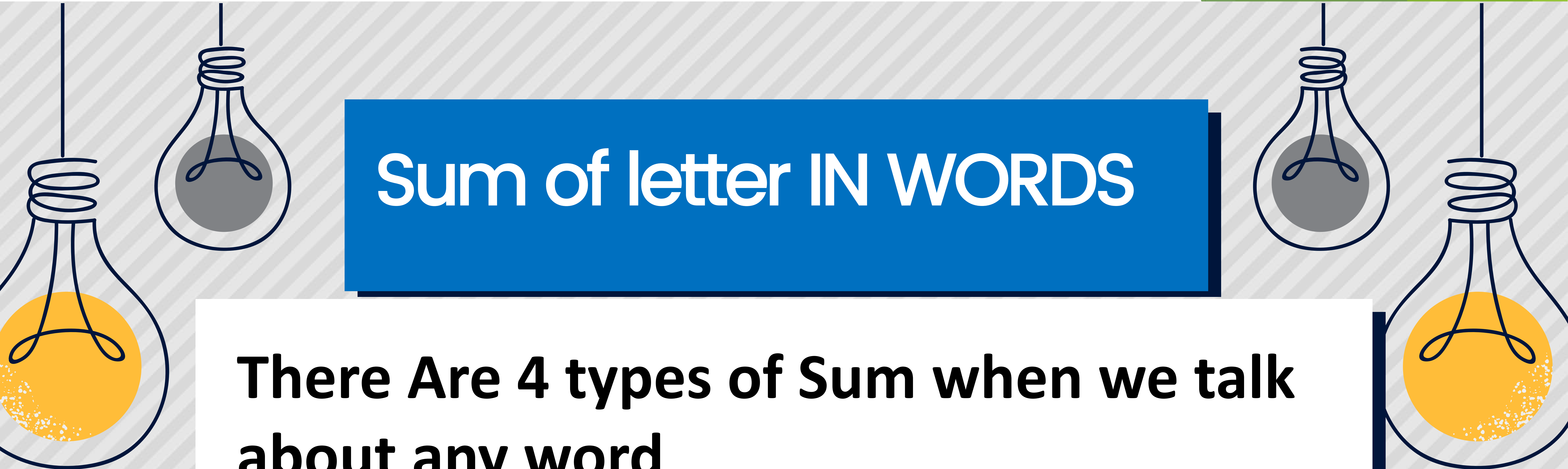


Group of Letters

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

LFLI & FILL

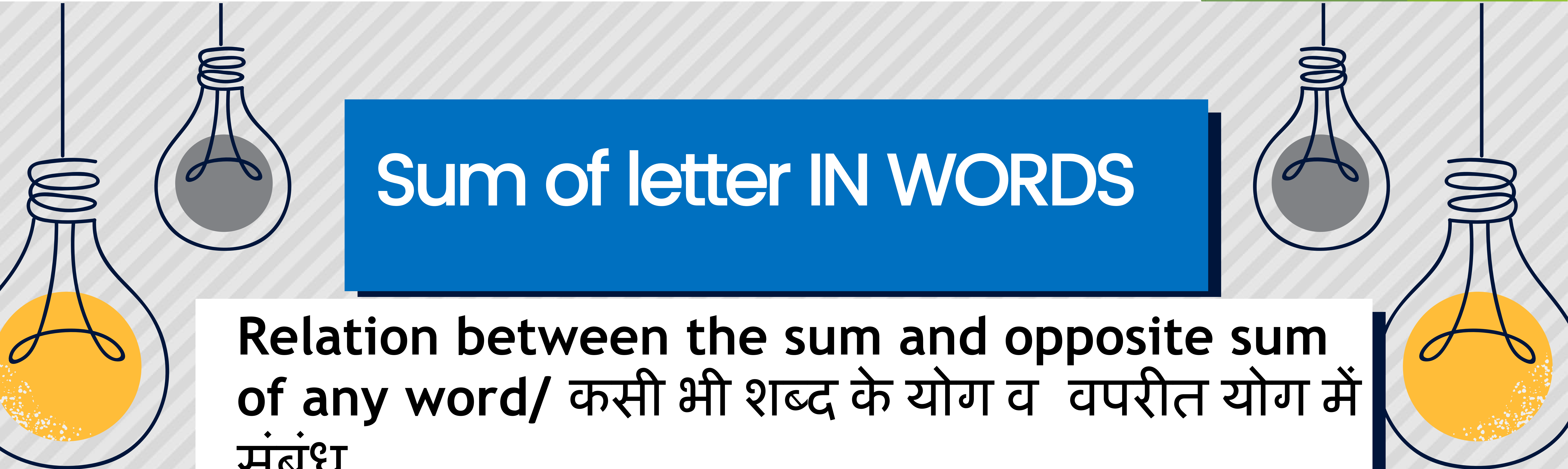
The vocab test in
reasoning



Sum of letter IN WORDS

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

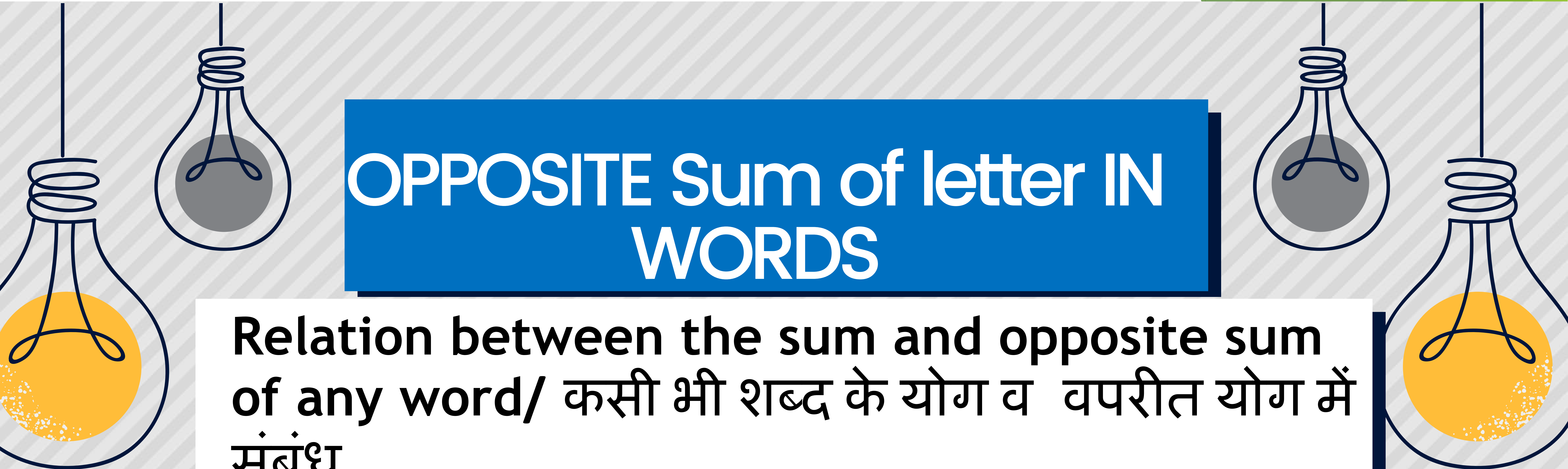
- 1. Forward sum all letters**
- 2. Backward sum All Letters**
- 3. Vowel forward + consonant backward**
- 4. Vowel backward + consonant forward**



Sum of letter IN WORDS

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

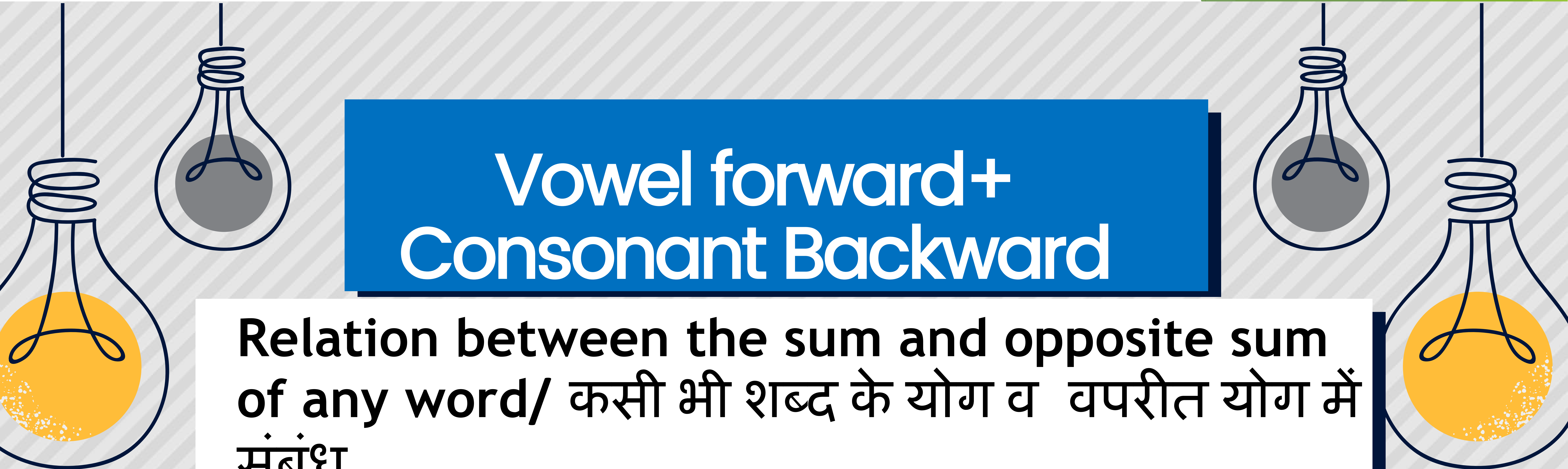
K I T E



OPPOSITE Sum of letter IN WORDS

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

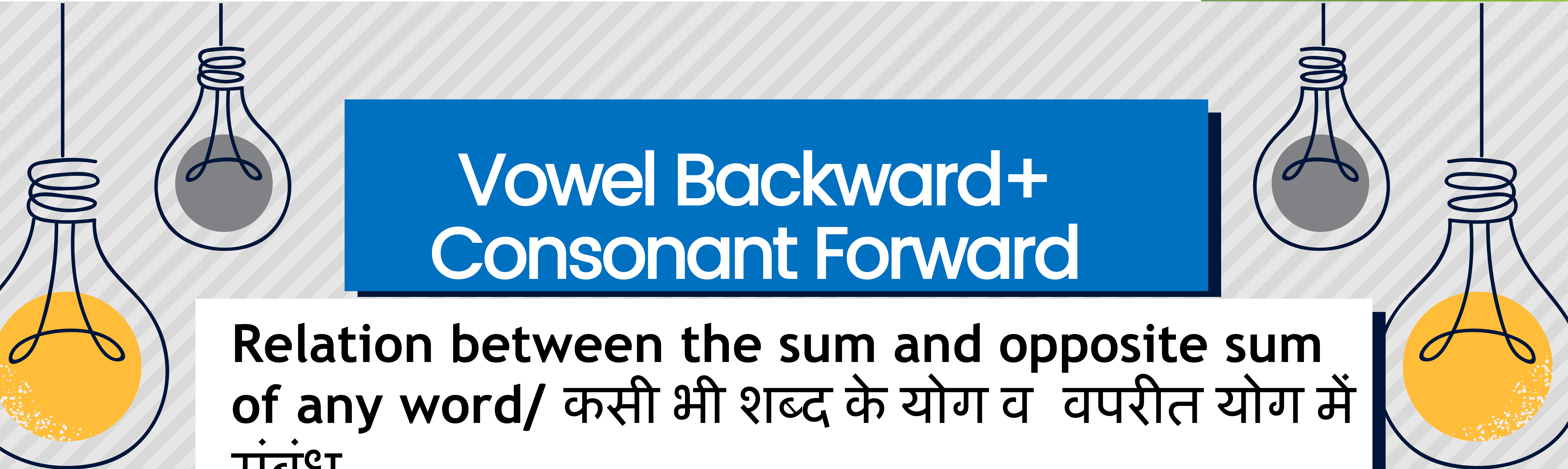
K I T E



Vowel forward+ Consonant Backward

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

K I T E



Vowel Backward+ Consonant Forward

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

K I T E



LETTER CLASSIFICATION



26 અક્ષર

21 વ્યંજન
(Consonant)

M R X Y Z

05 સ્વર
(Vowels)

A E I O U



LETTER CLASSIFICATION



26 અક્ષર

13 EVEN

B D F H J..

13 ODD

A C E G I...



LETTER CLASSIFICATION



26 અક્ષર

**8 PRIME
(POSITIONS)**
B C E G K M
Q S W

18 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

Perfect
Cubes
A H



LETTER CLASSIFICATION



26 અક્ષર

SINGLE

DIGIT

A B C D E F

G H I

DOUBLE

DIGIT

J K L M N O P Q R S

T U V W X Y Z

The background features several decorative autumn-themed elements. In the top-left corner, there is an orange oak leaf and a cluster of small orange dots. In the top-right corner, there is a large green leaf with a brown outline. In the bottom-left corner, there is a green leaf with a brown outline. In the bottom-right corner, there is a green leaf with a brown outline and a cluster of small orange dots. The text "Thank You" is centered in the middle of the image.

Thank You