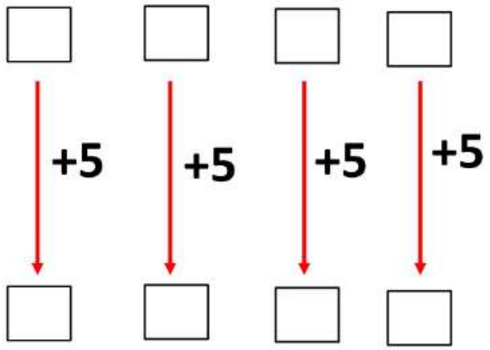
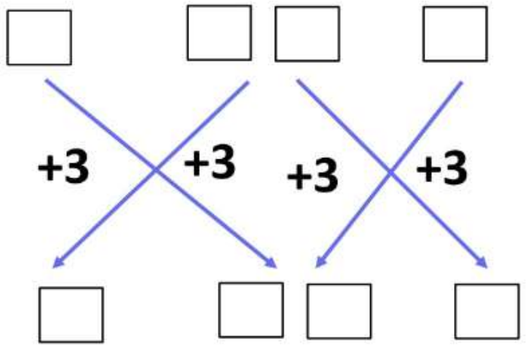
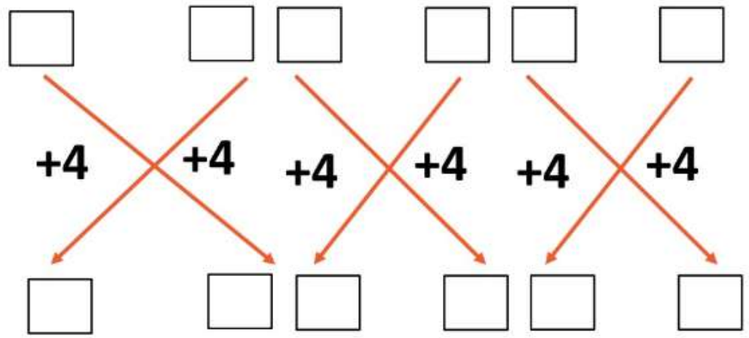
कोडिंग-डिकोडिंग
Coding-Decoding

Logics of coding - decoding

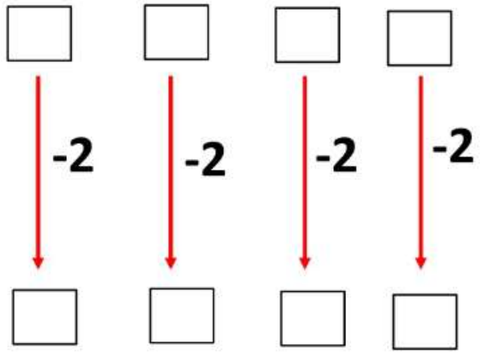
Fixed Addition

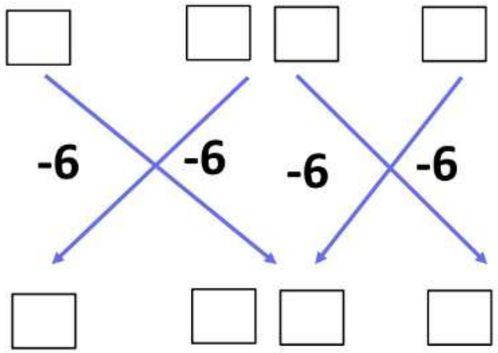


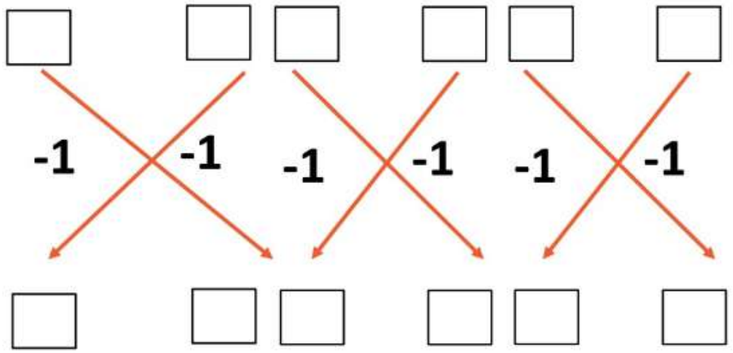




Fixed Substraction







2

If "LINCOLN" is written as "JGLAMJL", how will "OBAMA" be written?

यदि "LINCOLN" को "JGLAMJL" के रूप में लिखा जाता है, तो "OBAMA" कैसे लिखा जाएगा?

A. MZYKY

B. NZXIZ

C. MBZIY

D. NZXIZ

SSC - CGL - PRE - 2025 (24 SEP 2025 SHIFT-3)

Q. No. : 1

If HARMONY is coded as KDUPRQB, then what would BALANCE be?

अगर HARMONY को KDUPRQB के रूप में कोड किया जाता है, तो BALANCE को कैसे कोड किया जाएगा?

A) EDODQFH
B) EDLDQFH
C) EDLDQGI
D) EDFDRFH

SSC CHSL TIER-1, Exam 2025,
13 Nov 2025 01:30 PM (Shift-2)

Q. No. : 2

In a code language, GARDENING becomes LFWIJSNSL. How would FLOWERBED be written?

एक कोड भाषा में, GARDENING को LFWIJSNSL लिखा जाता है। FLOWERBED को कैसे लिखा जाएगा?

A) KQTBJWGJI

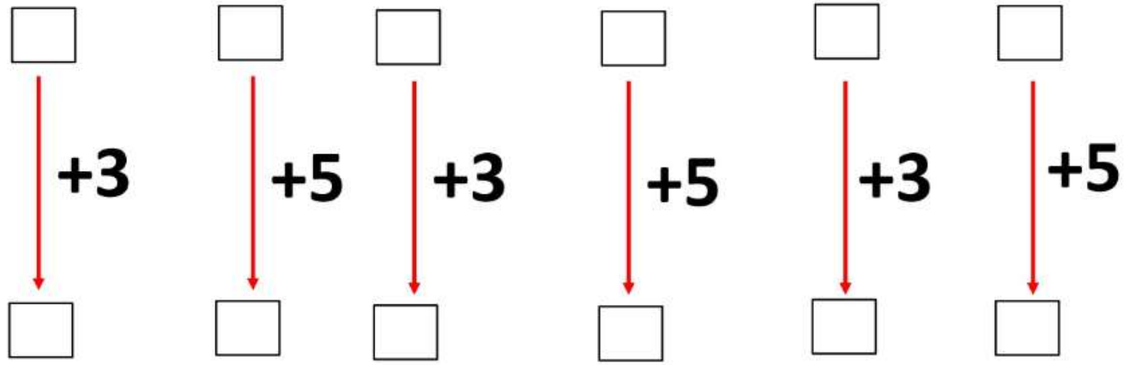
B) KQTCJXGJI

C) KQTBJXGJI

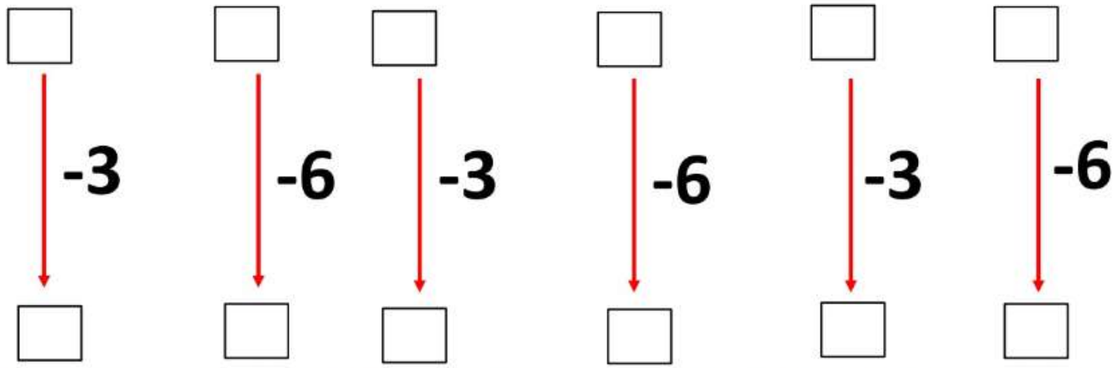
D) KQTBJGWJI

SSC CHSL TIER-1, Exam 2025,
12 Nov 2025 01:30 PM (Shift-2)

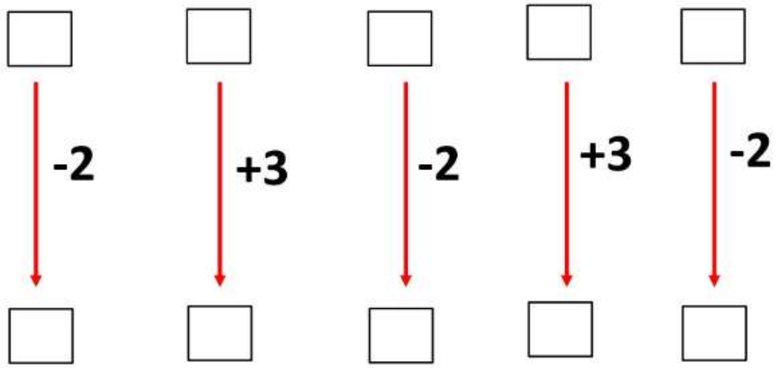
Alternate Addition

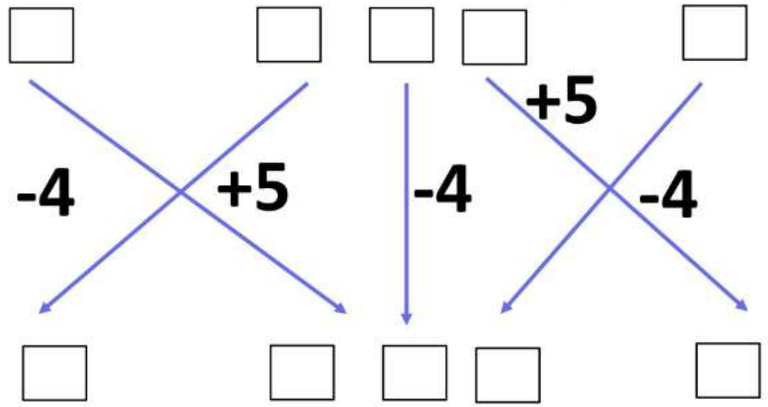


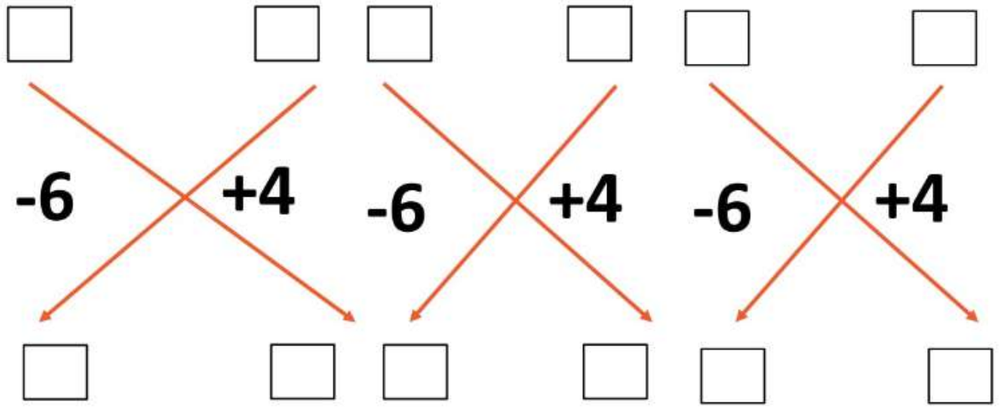
Alternate Substraction



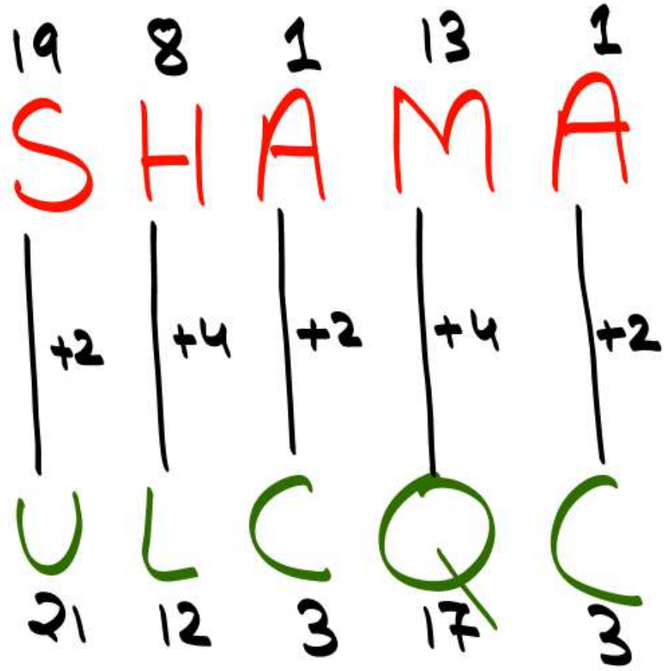
Alternate Addition/ Substraction

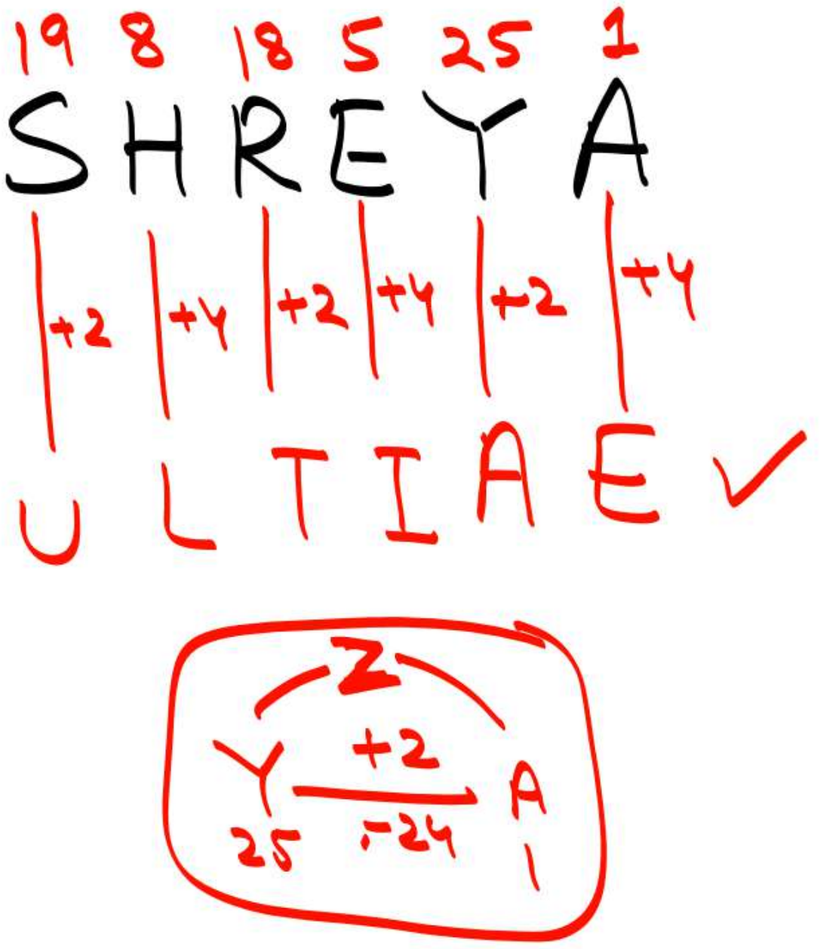






Example


19 8 1 13 1
S H A M A
+2 +4 +2 +4 +2
U L C Q C
21 12 3 17 3


19 8 18 5 25 1
S H R E Y A
+2 +4 +2 +4 +2 +4
U L T I A E ✓
Z
Y +2 A
25 -24 1

Opposite Logic

Opp. Opp. Opp. Opp.

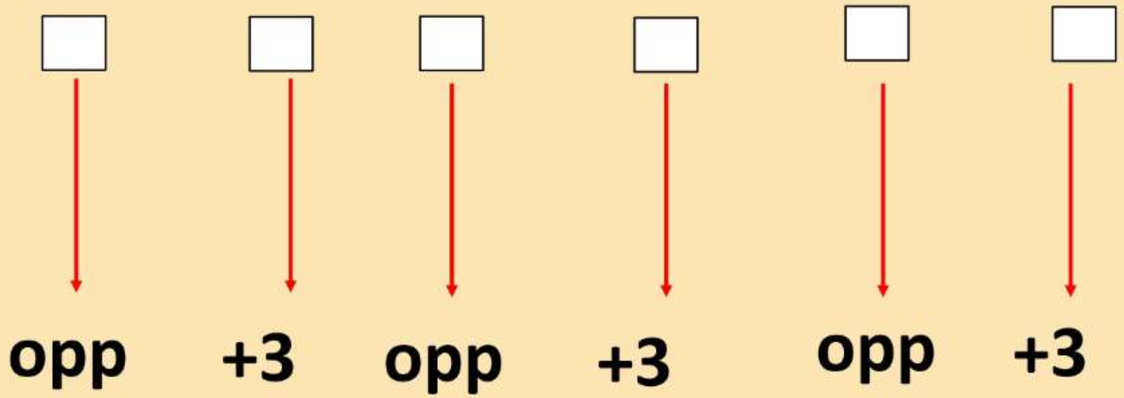
Ex) MAHAK → NZSZP

VIPUL → ERKFO ✓

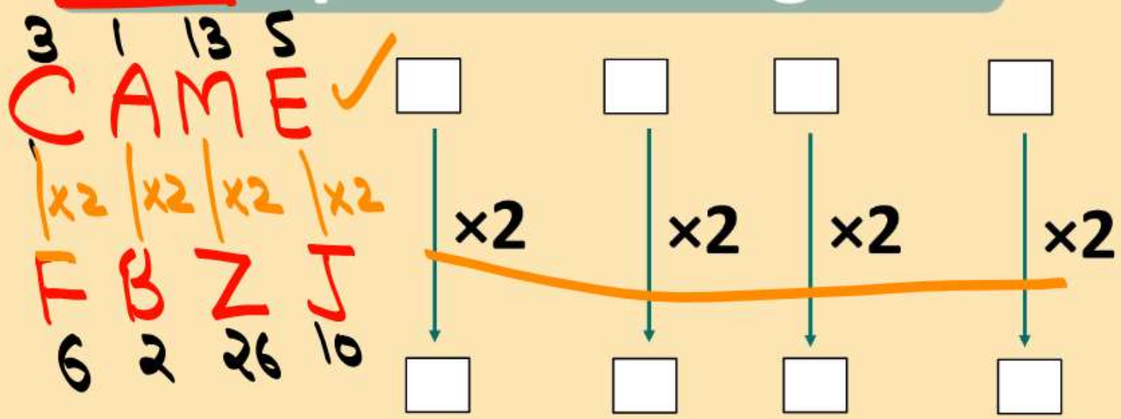
Alphabet	Opposite
A	Z
B	Y
C	X
D	W
E	V
F	U
G	T
H	S
I	R
J	Q
K	P
L	O
M	N

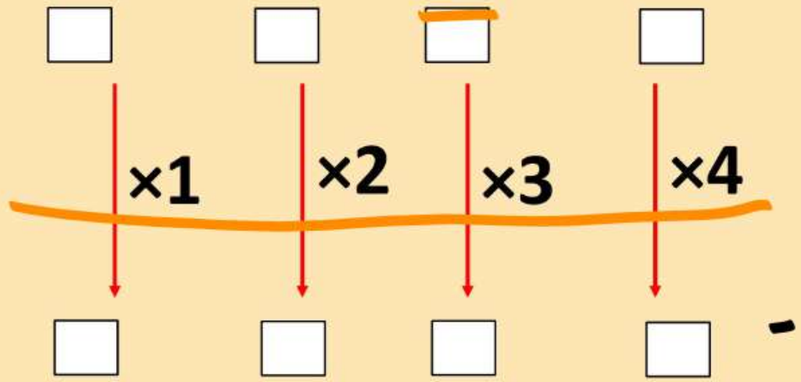
LOVE

Mix with Opposite

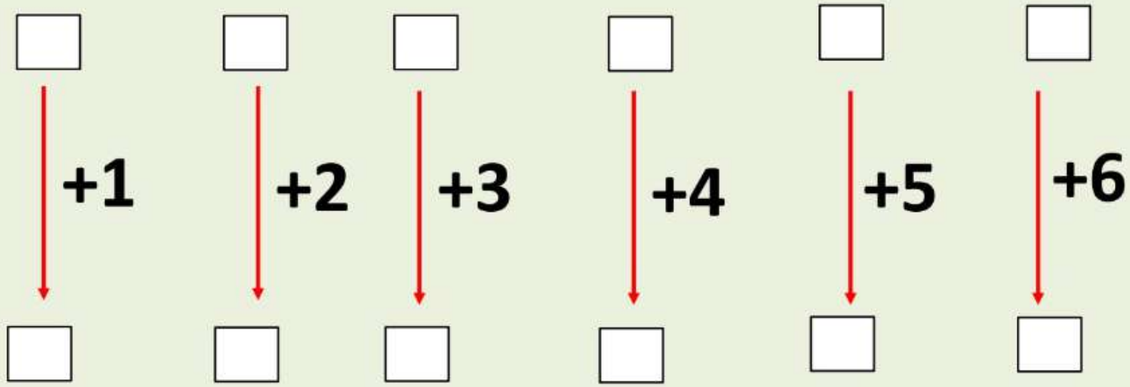


Multiplication Logic

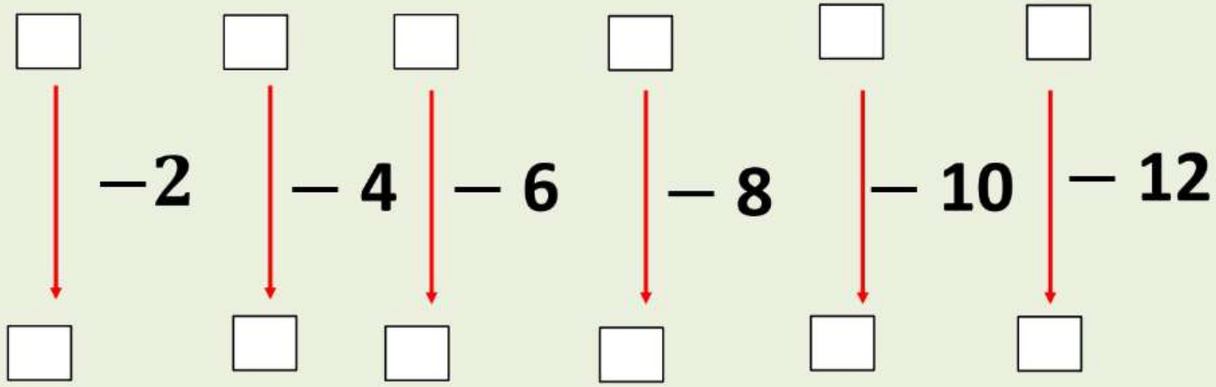




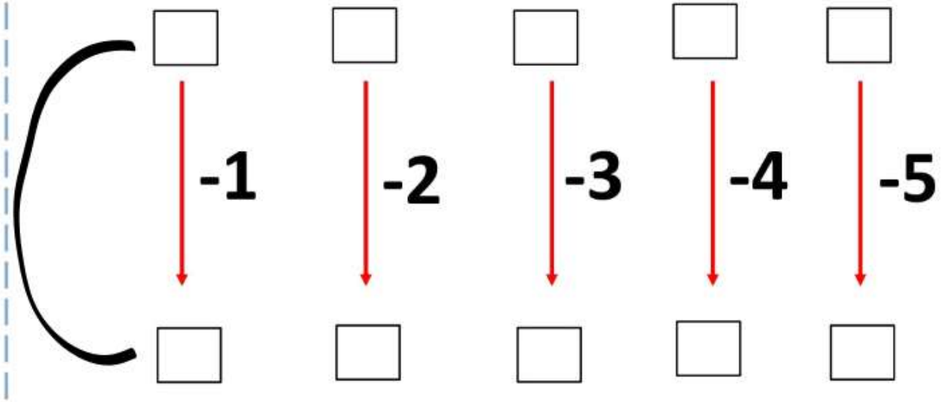
Series Addition

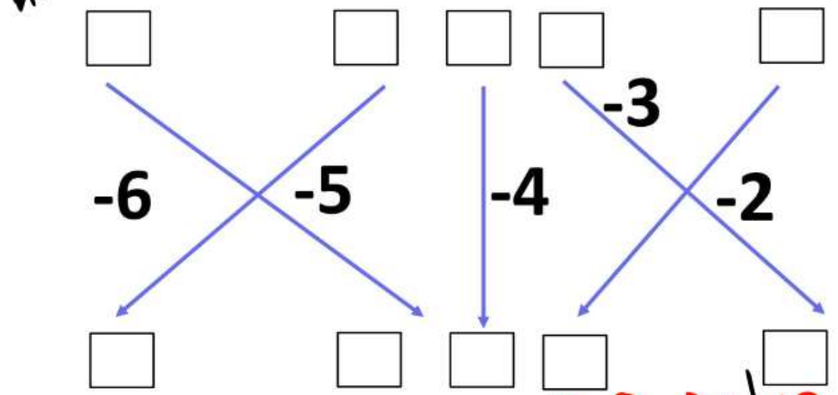


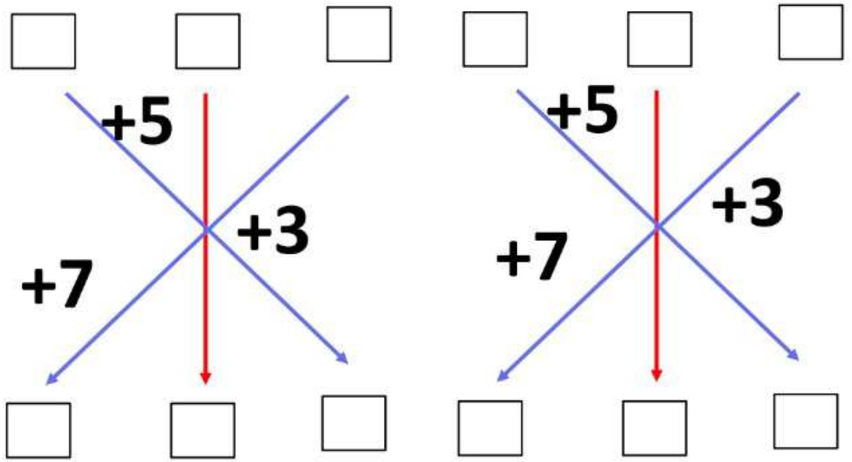
Series Substraction

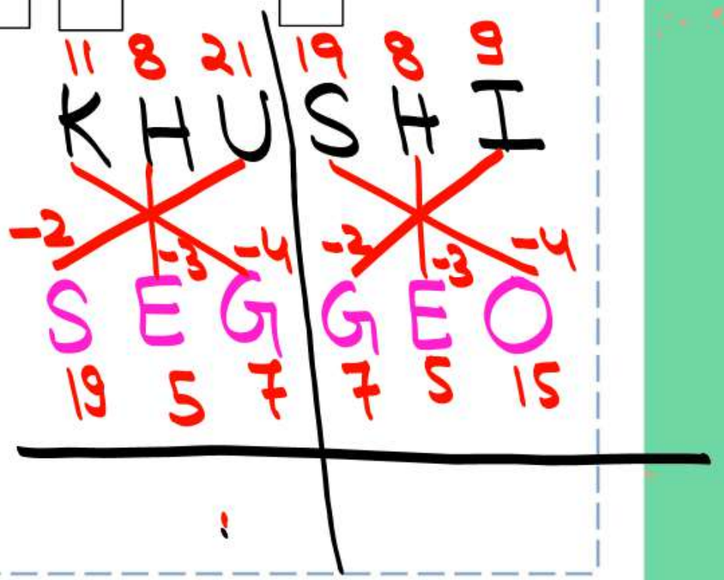


SERIES

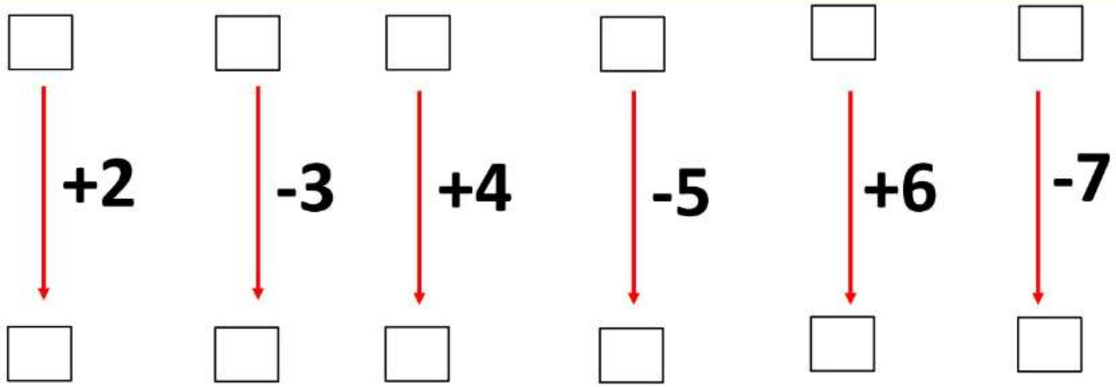




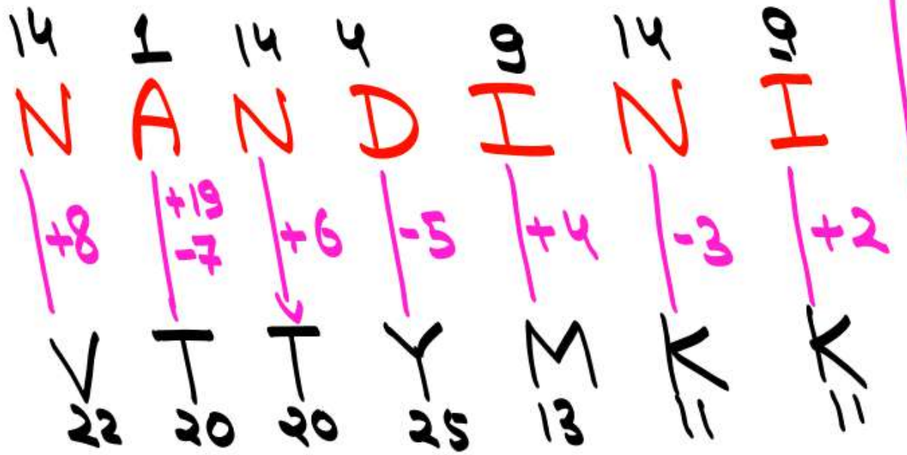




Series Alternative (Add+Substraction)



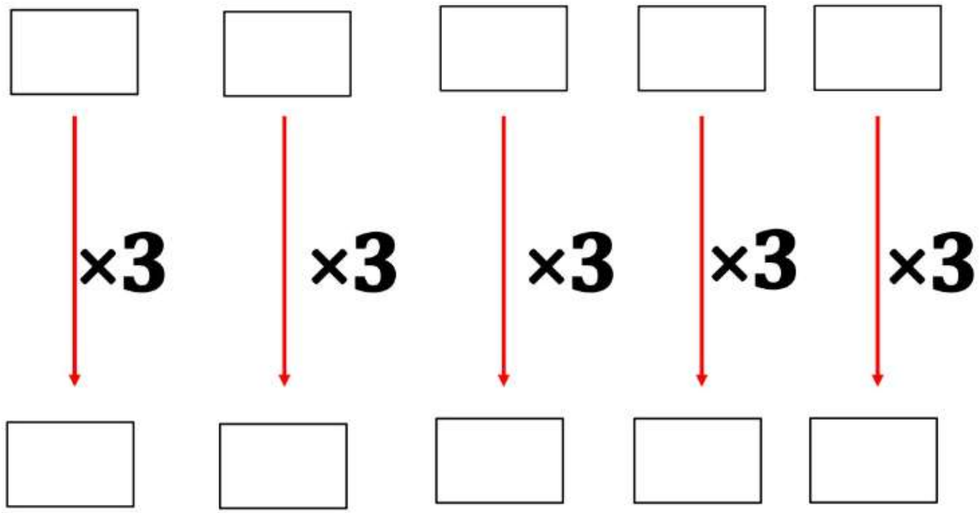
Example

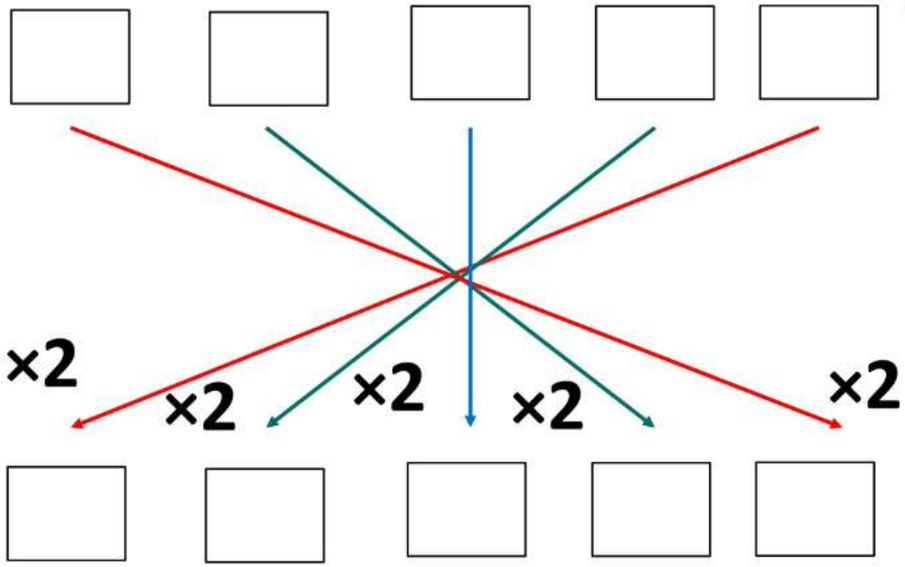


19 8 5 5 20 1 12
S H E E T A L

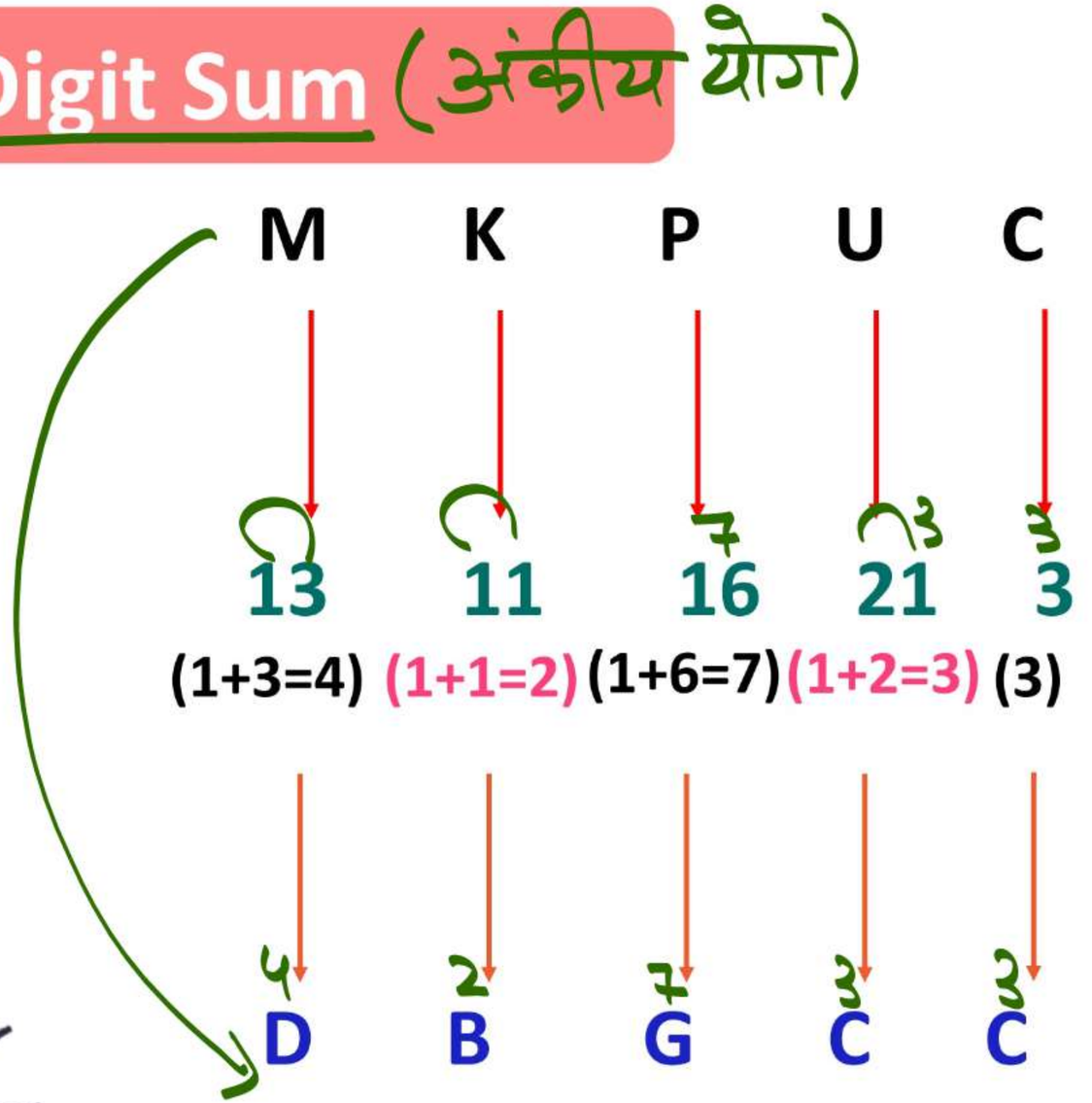
A A K Z X X N

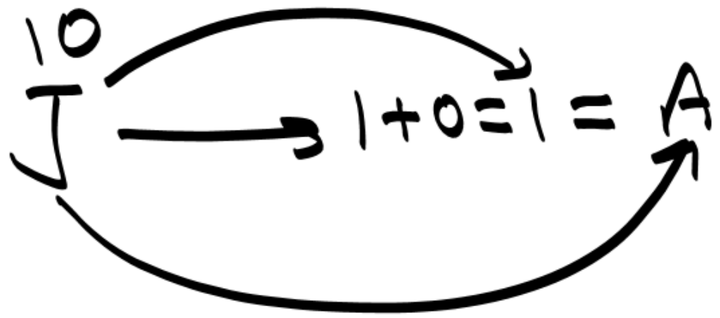
Multiple Logic

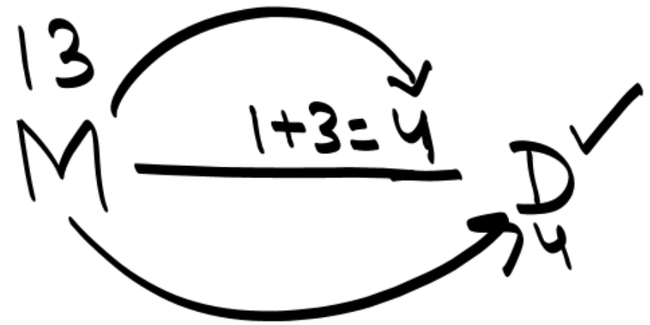




Digit Sum (अंकीय योग)




10
J
1+0=1 = A


13
M
1+3=4
D
4

Vowel Order

स्वर क्रम

A E I O U

1 2 3 4 5 →

5 4 3 2 1 ←

✓Consonant Order

व्यंजन

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

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

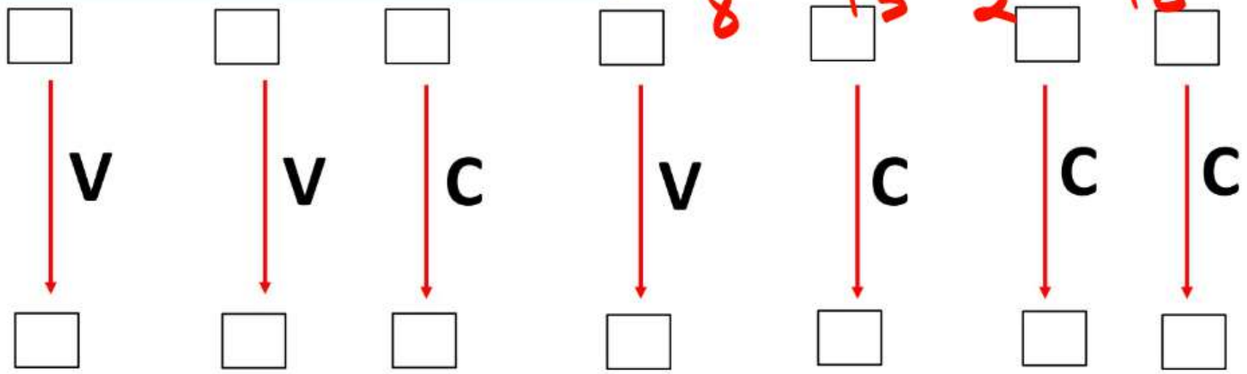
16

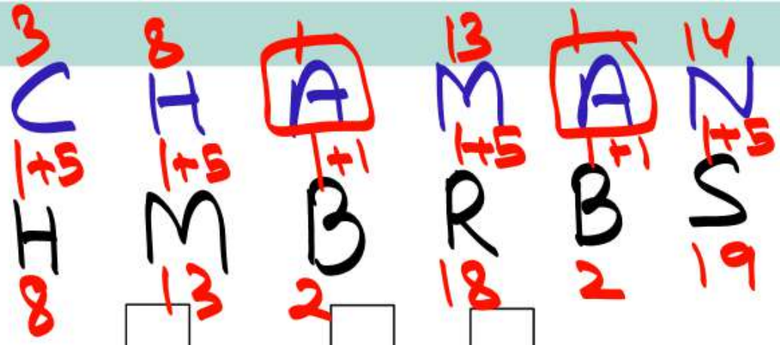
P R I T A M

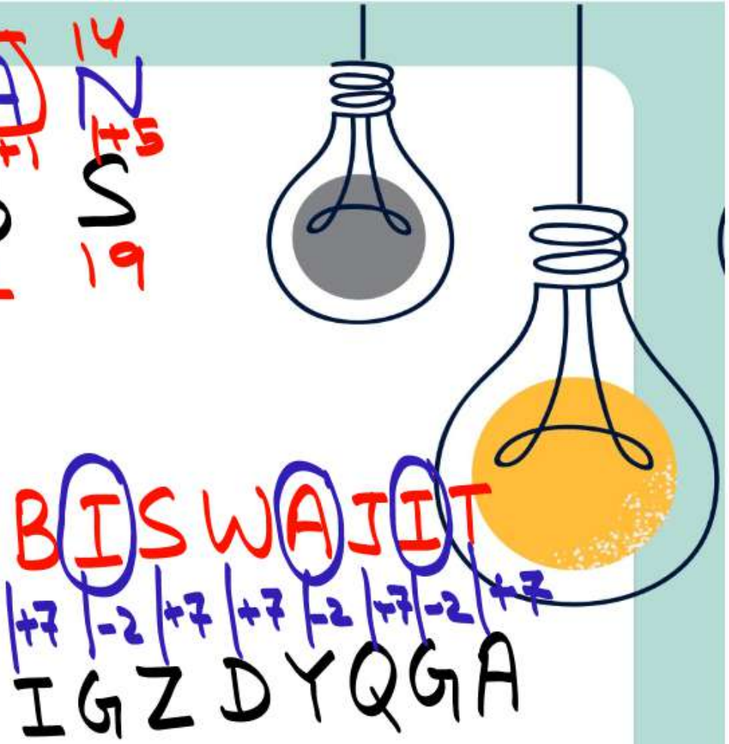
16 9 18 1 13

12 14 3 16 1 10

Vowel / Consonant



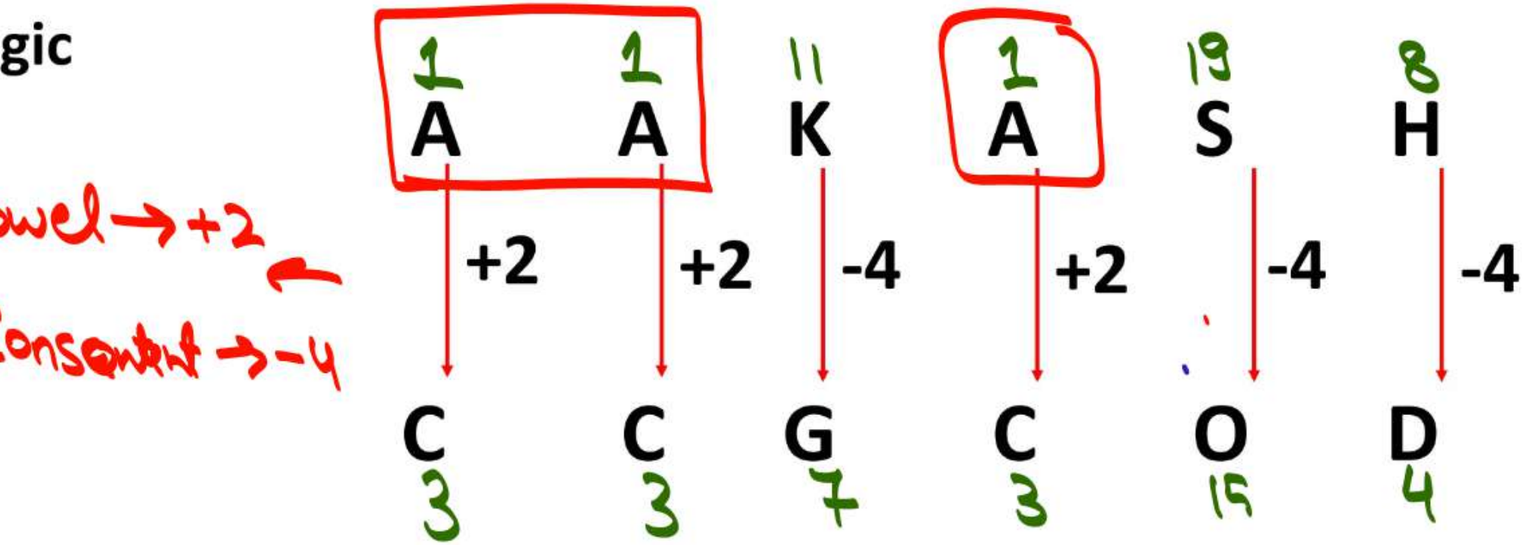




✓ Vowel
Consonant

Both have Different logic

Vowel → +2
Consonant → -4



digit Count के आधार पर Logic

PRADIP
16 18 1 4 9 16
7 9 6 9 14 7
+5 +5 +5

Single → +5
double → digit sum

Single Digit Alphabate

A → I

1 → 9

9 अक्षर

1st Logic

Double Digit Alphabate

J → Z

10 → 26

17 अक्षर

2nd Logic

DIGIT (SINGLE / Double Digit Sum)

A B C D E F G H I → Single Digit Order

J K L M N O P Q R S → Double Digit Order

T U V W X Y Z

Increasing Onder
(बढ़ते क्रम में)

Decreasing Onder
(घटते क्रम में)

VIJAY

CAROM

ACMOR

1 3 13 15 18

AIJVY

1 9 10 22 25

CAROM

ROMCA

18 15 13 3 1

ऊपर लखे तर्कों में से
कोई भी एक तर्क

ऊपर लखे तर्कों में से
कोई भी एक तर्क

opposite Letter than operation

P R A K S H

K I Z P H S

16 18 9 25 1

P R I Y A

Y R P I A

+5 +5 +5 +5 +5

D W U N F

4 23 21 14 6

Logic - ऊपर लखे logic
में से कोई भी एक logic

Digit Sum

A → I

1 9

ये सभी का क्रम 1 अंक में है।

J → Z

10 26

इसका क्रम 2 अंकों में है।

LOGIC (SQUARE/ CUBE MIX)

LOGIC (SQUARE)

1 2 5 4

A B E D

A D Y P

1 4 25 16

LOGIC (CUBE)

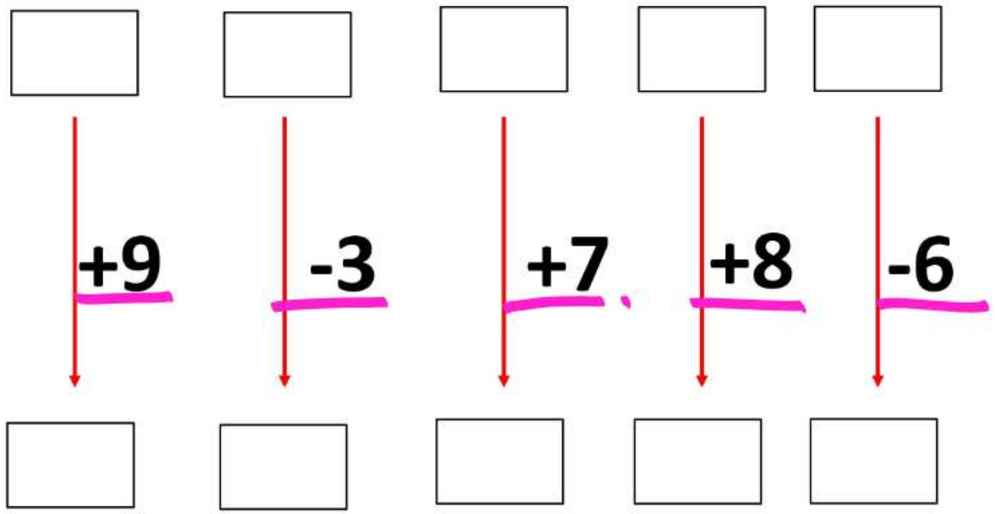
1 2 1 2

A B A B

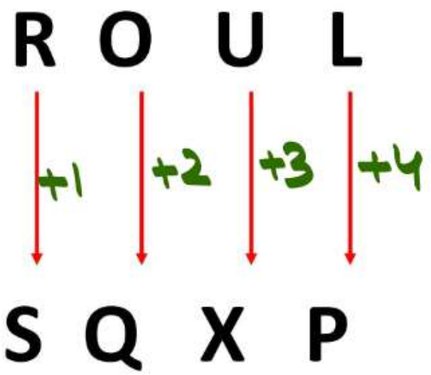
A H A H

1 8 1 8

Random Logic

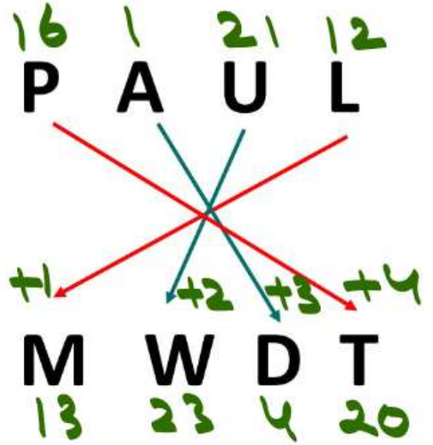


EXAMPLE :-



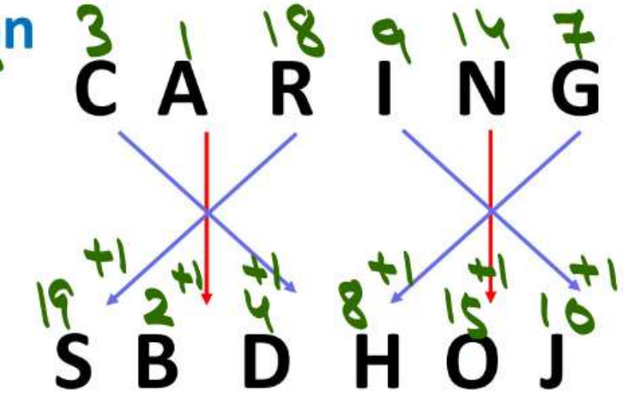
Pattern : First to First ✓

Logic- series addition



Pattern : First to Last ✓

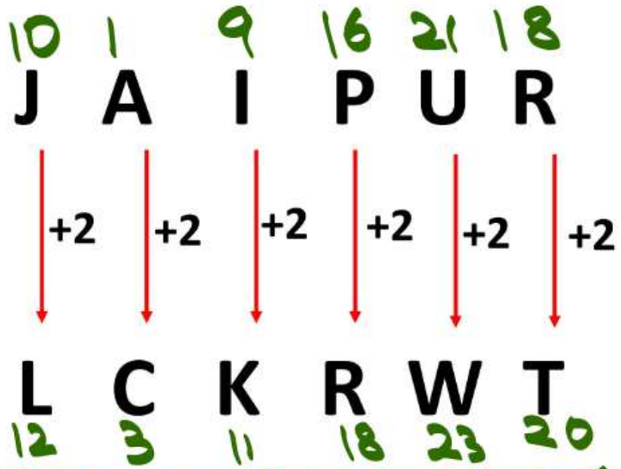
Logic- series addition ✓



Pattern : Cross/ Grouping ✓

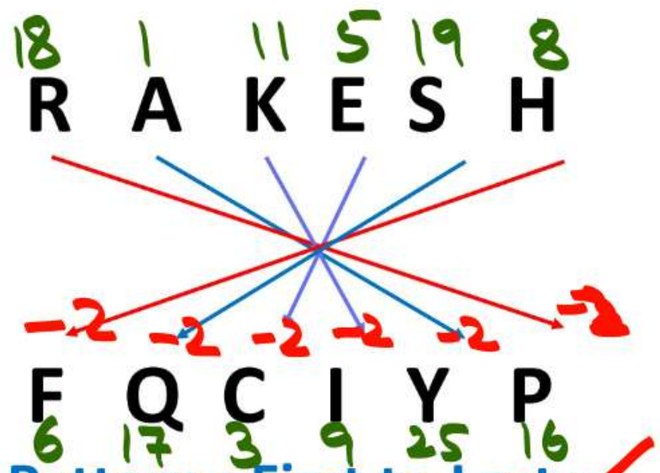
Logic- series addition ✓

EXAMPLE :-



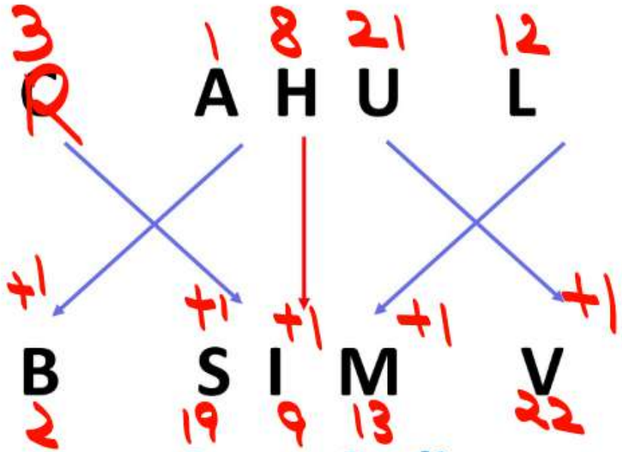
Pattern : First to First ✓

Logic : Fixed Addition ✓



Pattern : First to Last ✓

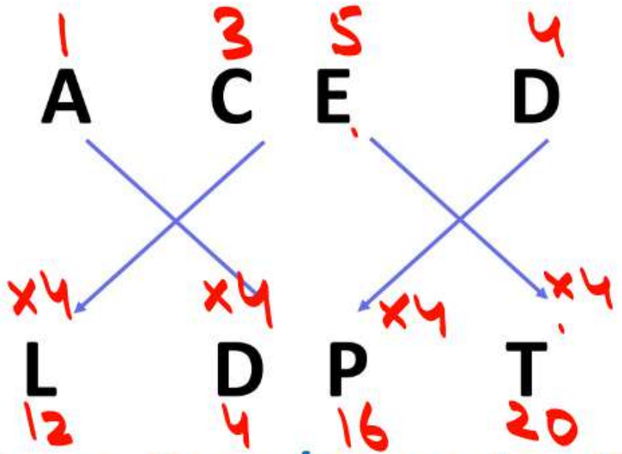
Logic : Fixed Substraction ✓



Pattern : Cross Coding

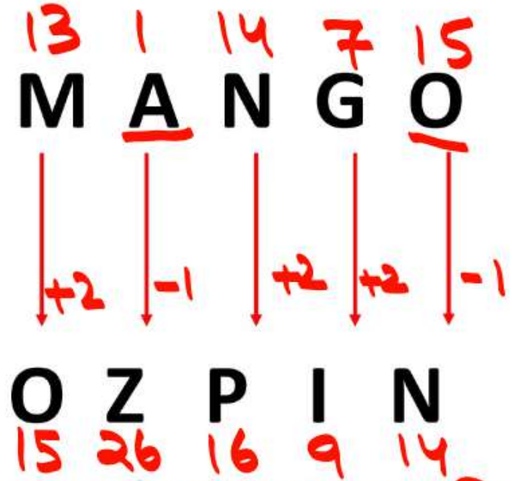
Logic : Fixed Addition

EXAMPLE :-



Pattern : Cross/ Grouping Coding ✓

Logic : Multipilication (x4)



Pattern : First to First

Logic : Vowel = -1

Consonant = +2

3 8 1 18

C H A R

X S Z I

24 19 26 9

F to F

opp ✓

Thank You