

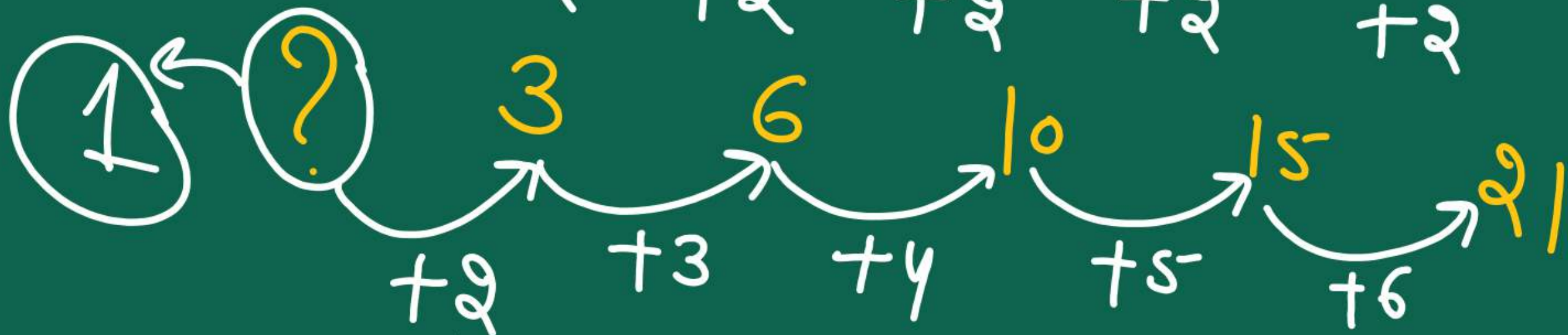
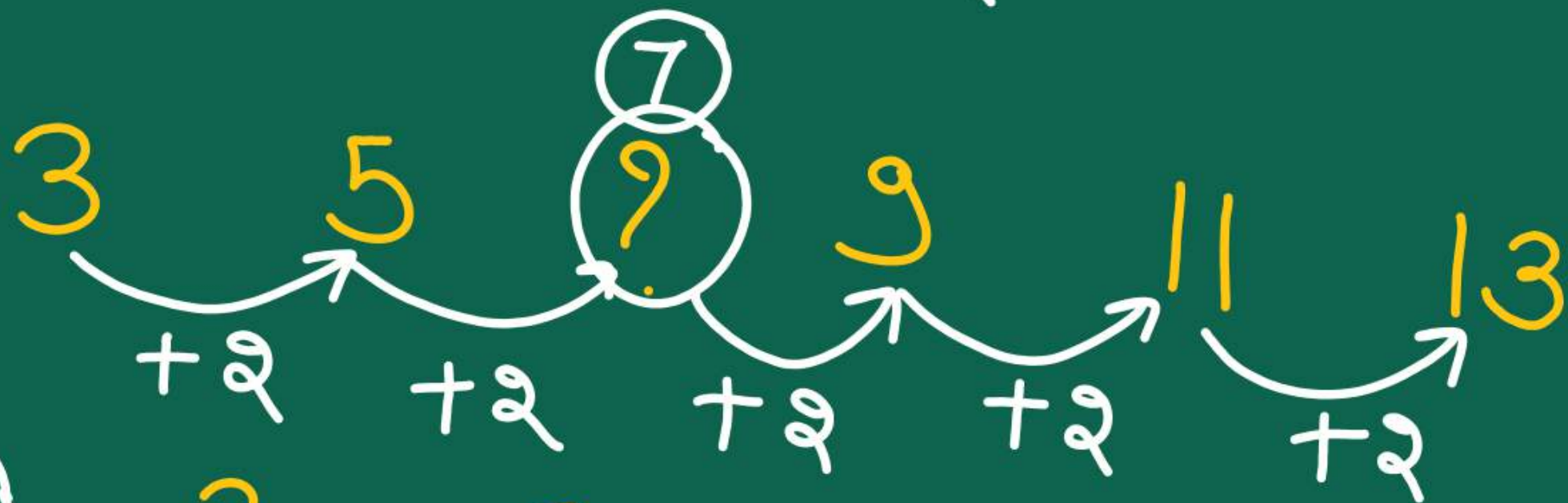
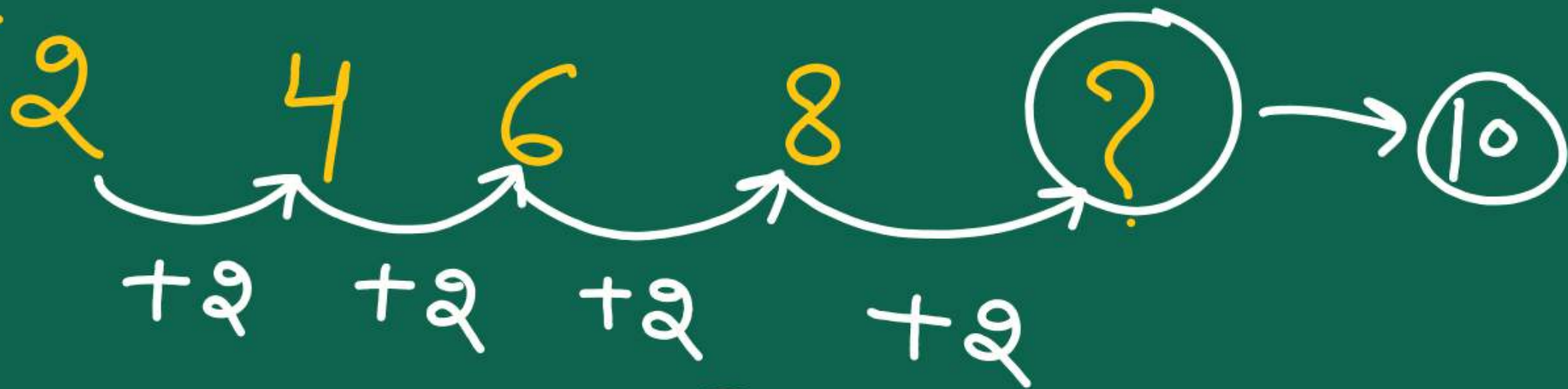
Number Series

સંખ્યા શ્રેણી

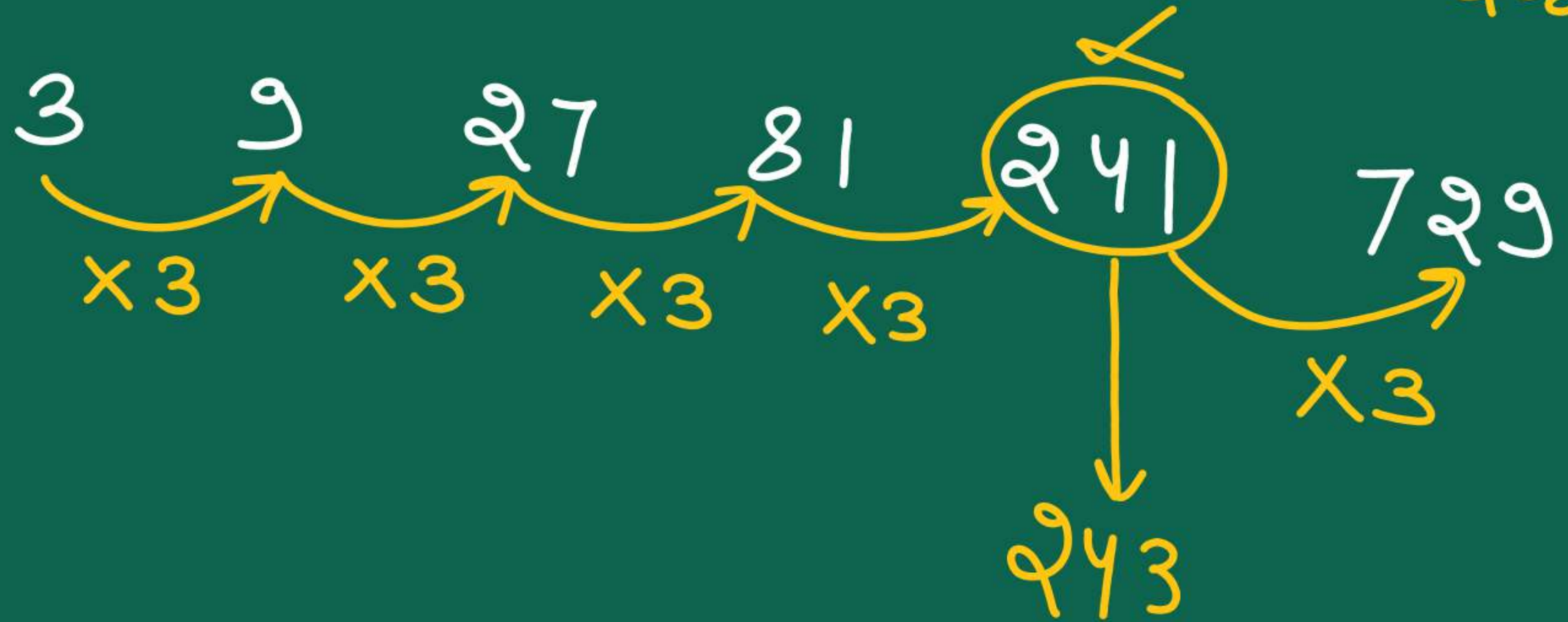


Part-1

Type-1



Type-2 Find the wrong in the following Series.



Basic Concept of Number Series

* $2, 4, 6, 8, ?$ (10)

$+2 \quad +2 \quad +2 \quad +2$

* $1, 4, 7, 10, ?$ (13)

$+3 \quad +3 \quad +3 \quad +3$

* $1, 4, 9, 16, ?$ (25) Answer

$1^2, 2^2, 3^2, 4^2, 5^2$

Q. 1 4 9 16 ? 25
 Answer:

+3 +5 +7 (+9)

+2 +2 +2

1^3
↑
1

2^3
↑
8

3^3
↑
27

4^3
↑
64

5^3
↑
125

6^3
↑
216

Q.

1 8 27 64 125 ? 216
 +7 +19 +37 +61 (+91)
 +12 +18 +24 (+30)
 +6 +6 +6

Q.

1

8

9

64



1^2



2^3



3^2



4^3

? 25 *Answer:*
↓
 5^2

$$8^2 = 64$$

$$4^3 = 64$$

Pattern
—x—x—

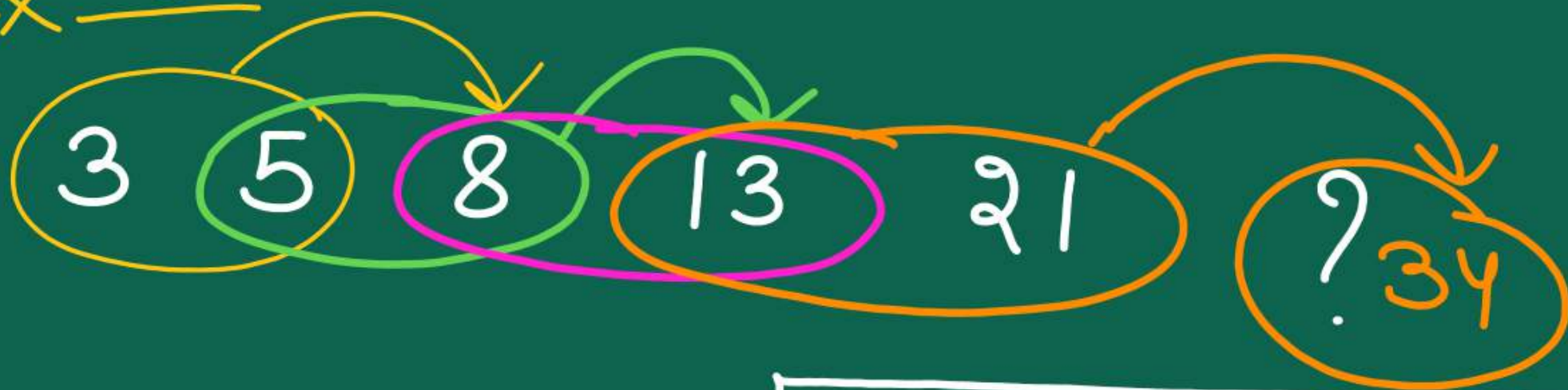
I) દીઠ નં → બેઠ નં
→ (+, x)

II) બેઠ નં → દીઠ નં
→ (—, ÷)

Pattern
No. 1

Exam point of View

1st priority

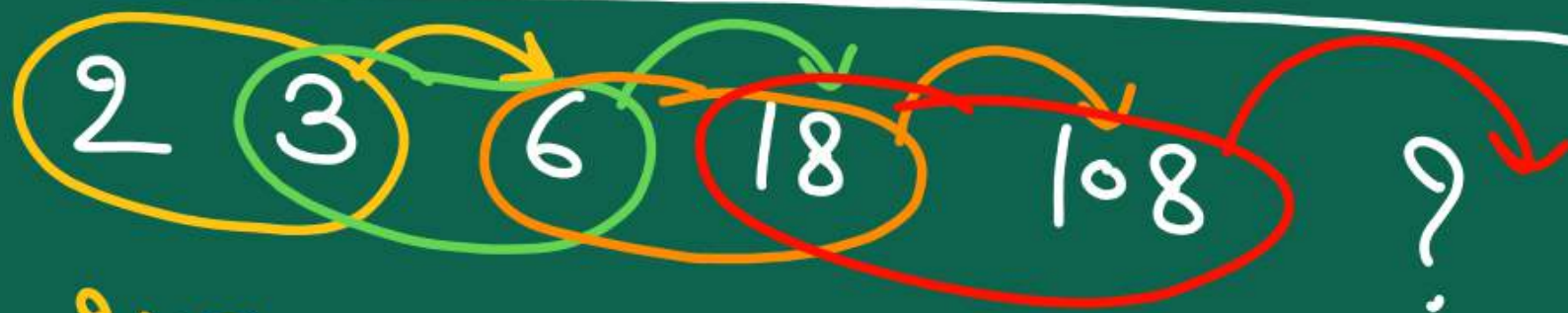


$$3 + 5 = 8$$

$$5 + 8 = 13$$

$$8 + 13 = 21$$

$$13 + 21 = 34 \text{ An}$$



$$2 \times 3 = 6$$

$$3 \times 6 = 18$$

$$6 \times 18 = 108$$

$$18 \times 108$$

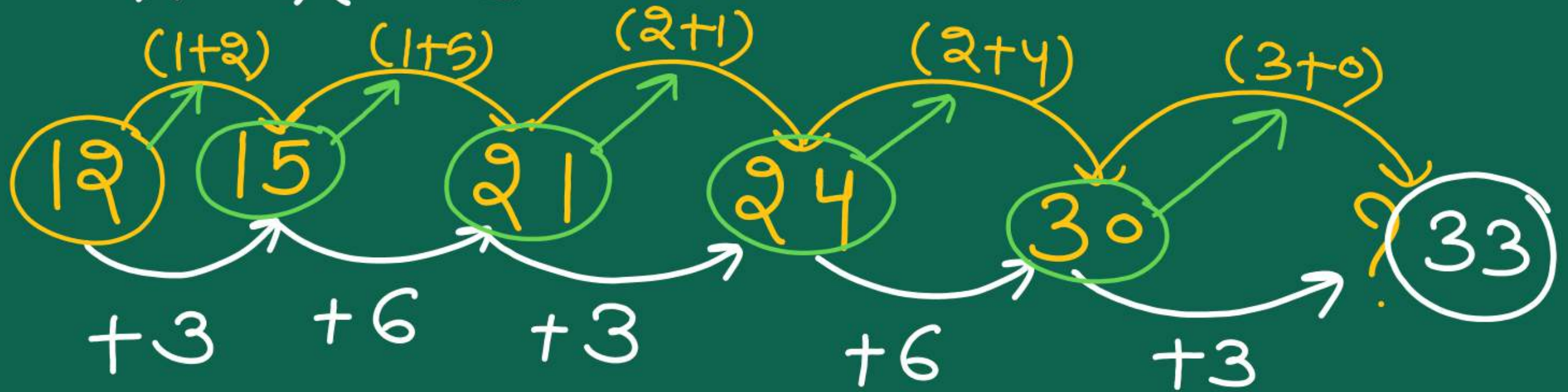
$$1944 \text{ Answer}$$

Advanced version :-

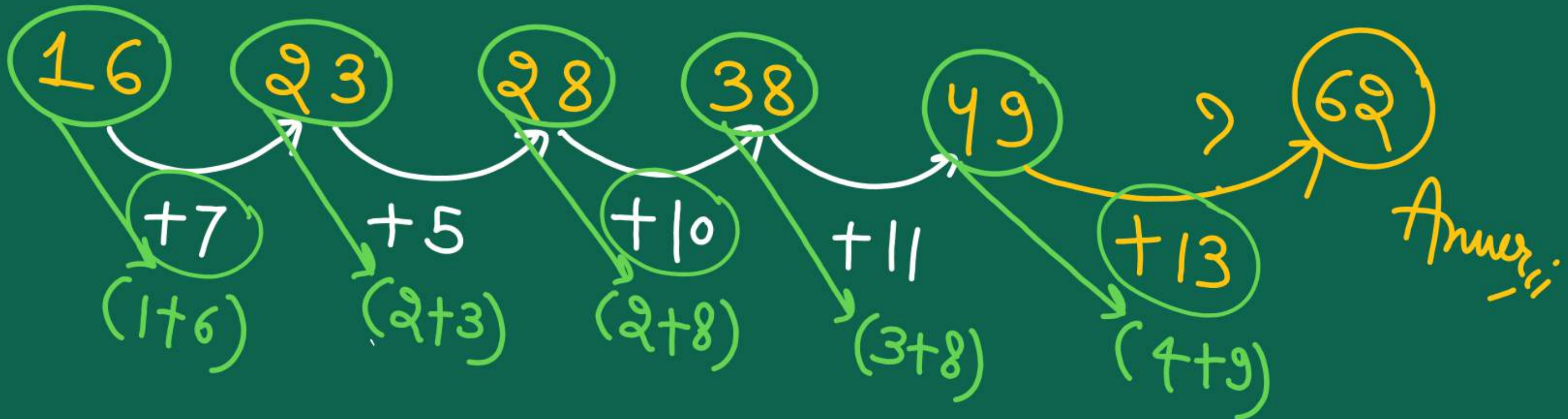
Trending

V.V.V. Imp.

Q.



Q.



Pattern-2

जरूरी नहीं है कि हमेशा gap direct
Square या cube का मिले।

⇒ Nearest Square या Cube भी हो सकता है।

Q.

3

8

15

24

35

?

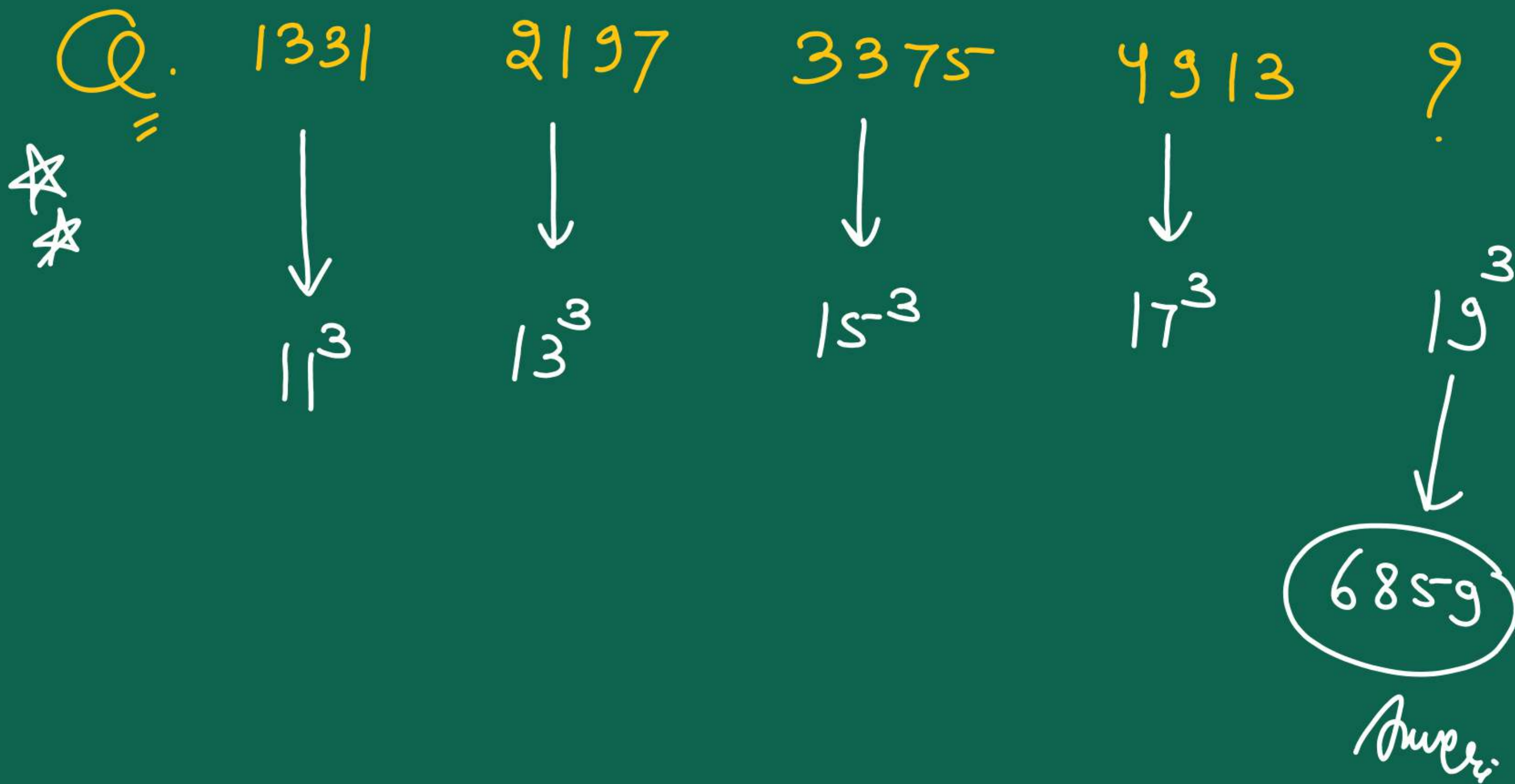
↓
 $2^2 - 1$

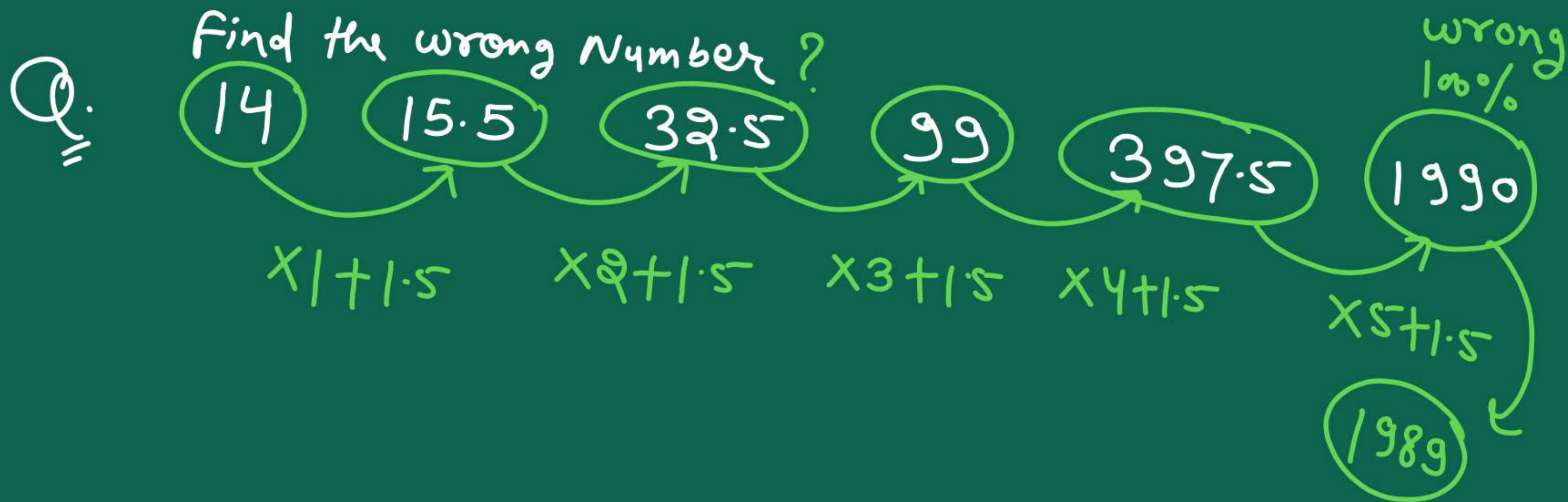
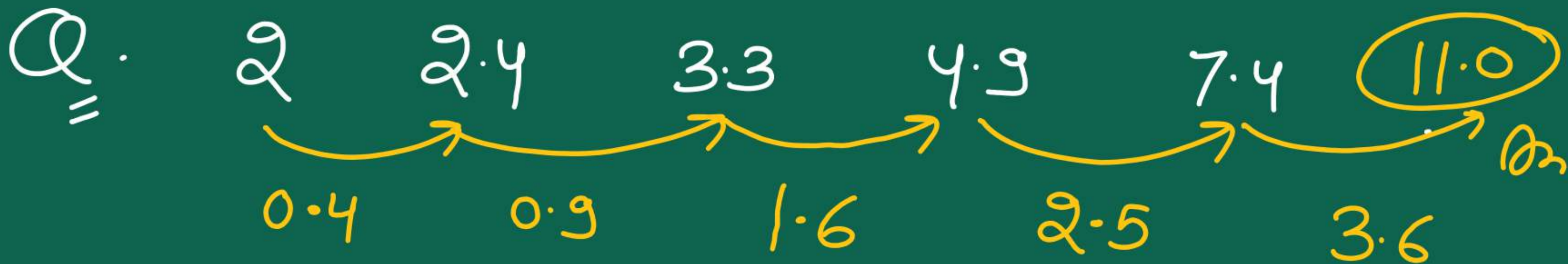
↓
 $3^2 - 1$

↓
 $4^2 - 1$

↓
 $5^2 - 1$

↓
 $6^2 - 1$





Pattern-3

X-X

जब Series Zero (0) से Start हो:-

X

Q.

0

↓

$1^3 - 1$

6

↓

$2^3 - 2$

24

↓

$3^3 - 3$

60

↓

$4^3 - 4$

120

↓

$5^3 - 5$

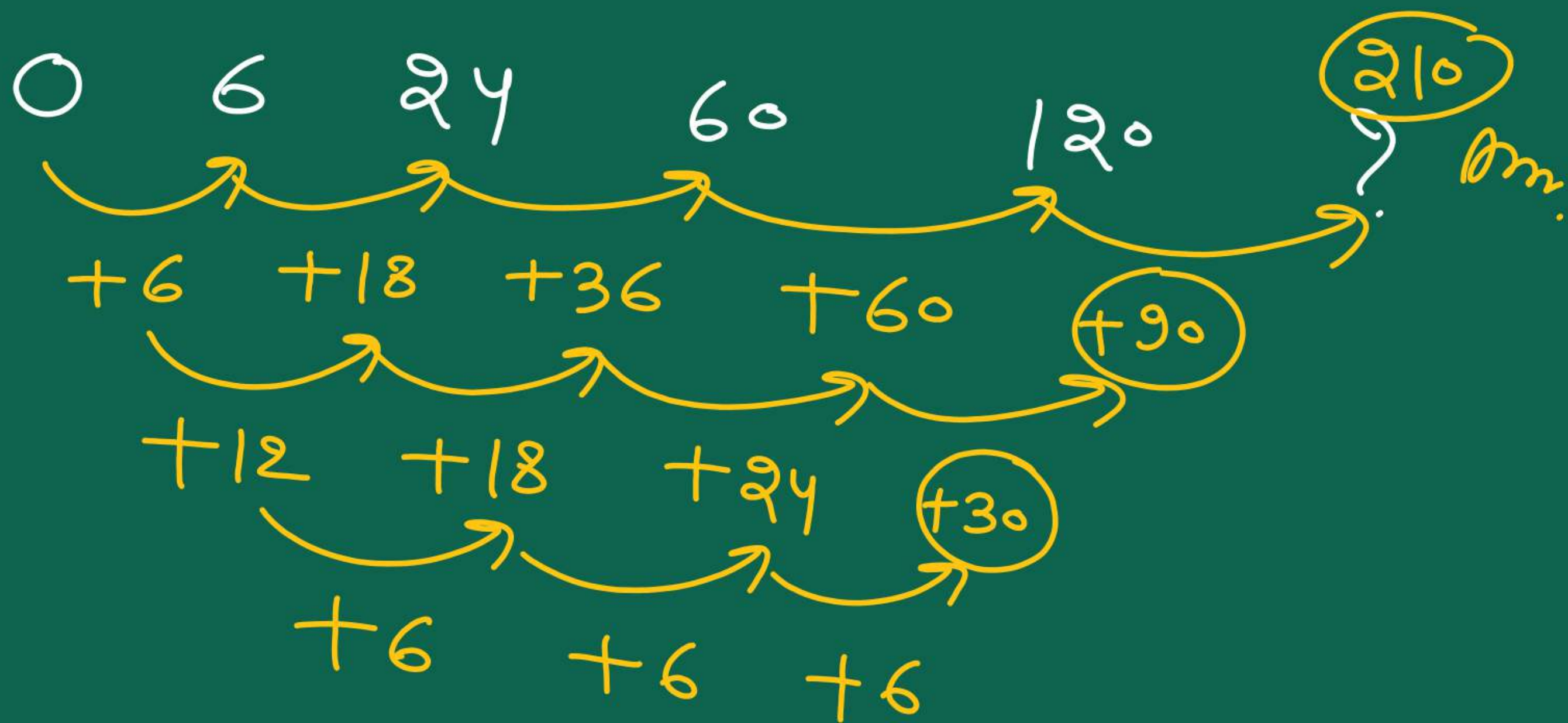
9 (210)

↓

$6^3 - 6$

Exam point view

99.99%
Cube की term बनती है



Q. 0, 1, 4, 13, 40, ? (121)

.01% $(x3+1)$ $(x3+1)$ $(x3+1)$ $(x3+1)$ $(x3+1)$

(0^3+0^2) (1^3+1^2) (2^3+2^2) (3^3+3^2) (4^3+4^2) (5^3+5^2)

Q. 0, 2, 12, 36, 80, ? (150)

$(0^2 \times 1)$ $(1^2 \times 2)$ $(2^2 \times 3)$ $(3^2 \times 4)$ $(4^2 \times 5)$ $(5^2 \times 6)$

99.99%

Thank You

Keep Smile Always

