RPF SI & CONSTABLE 2024

रेल रक्षक बैच

REASONING

Number Series



LIVE STREAMING 27-05-2024 10AM

Number Analogy ⇒ $(1-40)^2$ ✓

⇒ $(1-20)^3$ ✓

Number Series

RPF SI & CONSTABLE 2024 रेल रक्षक बैच REASONING

- वर्ग पर आधारित प्रश्न Questions based on Square
- घन पर आधारित प्रश्न Questions based on cube
- गुणा व भाग पर आधारित प्रश्न
  Questions based on multiplication and division
- योग व अन्तर पर आधारित प्रश्न
  Questions based on sum and difference
- विशेष नियम पर आधारित प्रश्न
  Questions based on special rules

M. Imp.

5 Type

RPF SI & CONSTABLE 2024 रेल रक्षक बैच REASONING

Type – 01 वर्ग पर आधारित प्रश्न Questions based on Square

1. 121, 169, 289, 361, 529, 841, ____

(a) 954
(b) 961
(c) 974
(d) 1000

11^2 13^2 17^2 19^2 23^2 29^2 $(31)^2$ → 961

Prime Number (अभाज्य सं०)

2.

1025, 1090, 1157, _____.

(a) 1225
(b) 1226
(c) 1728
(d) 1264

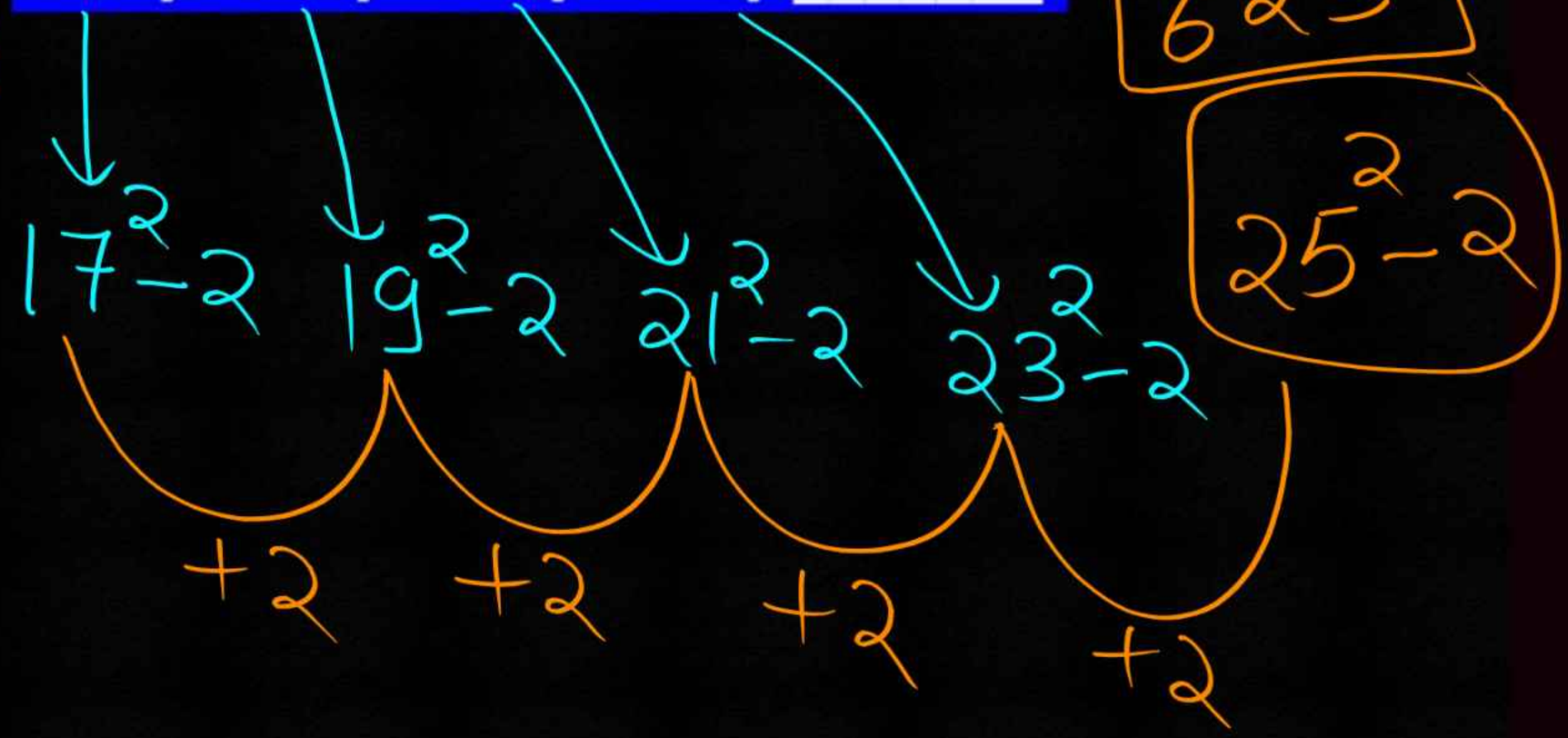
32^2+1 33^2+1 34^2+1 35^2+1

$1225+1$

3.

287, 359, 439, 527, _____.

(a) 623
(b) 625
(c) 900
(d) 644



4.

72, 90, 110, 132, 156, ____.

182

(a) 182
(b) 166
(c) 174
(d) 182

18 20 22 24 26

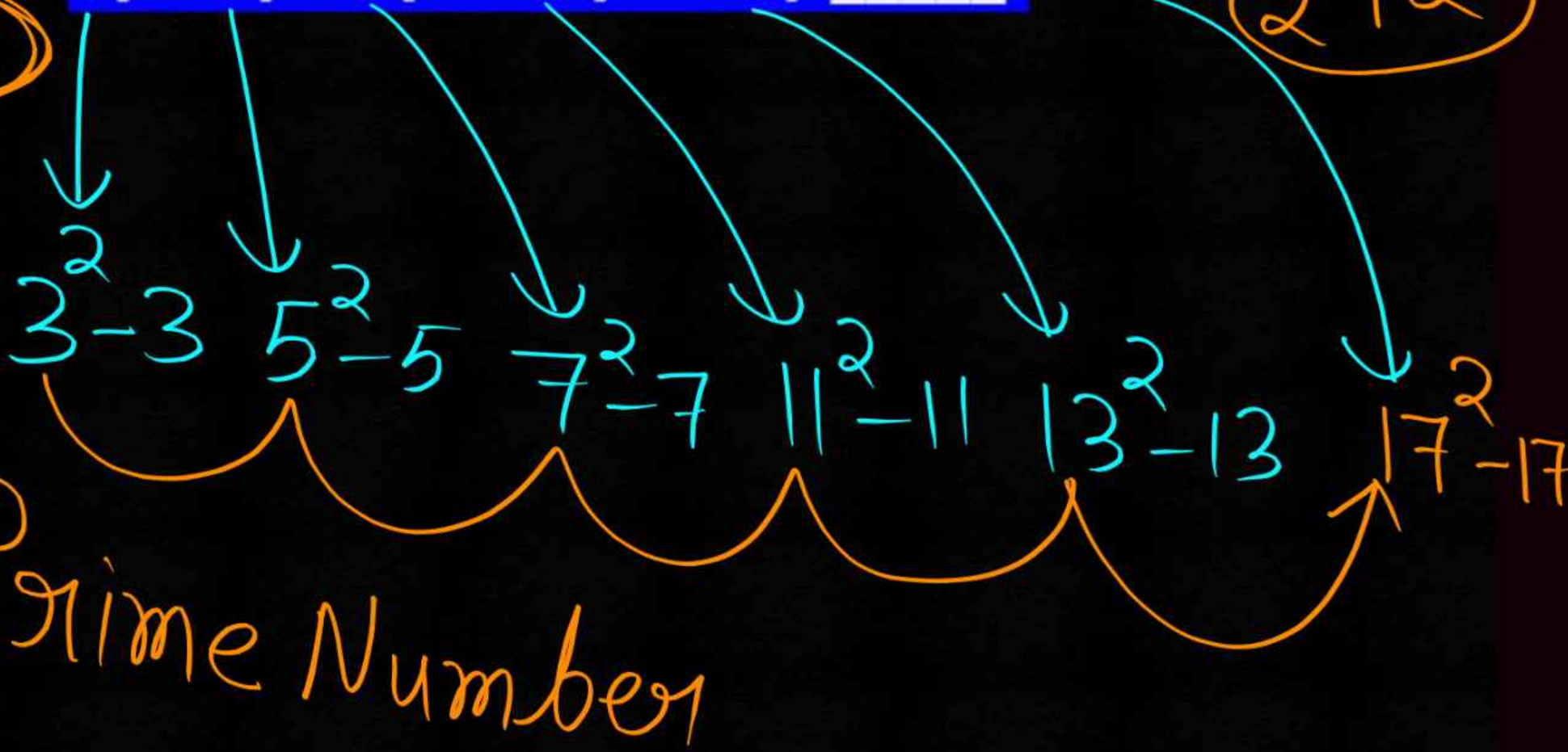
72 , 90 , 110 , 132 , 156 , 182

8^2+8 9^2+9 10^2+10 11^2+11 12^2+12 13^2+13

5.

6, 20, 42, 110, 156, _____.

(a) 272
(b) 284
(c) 168
(d) 194



6.

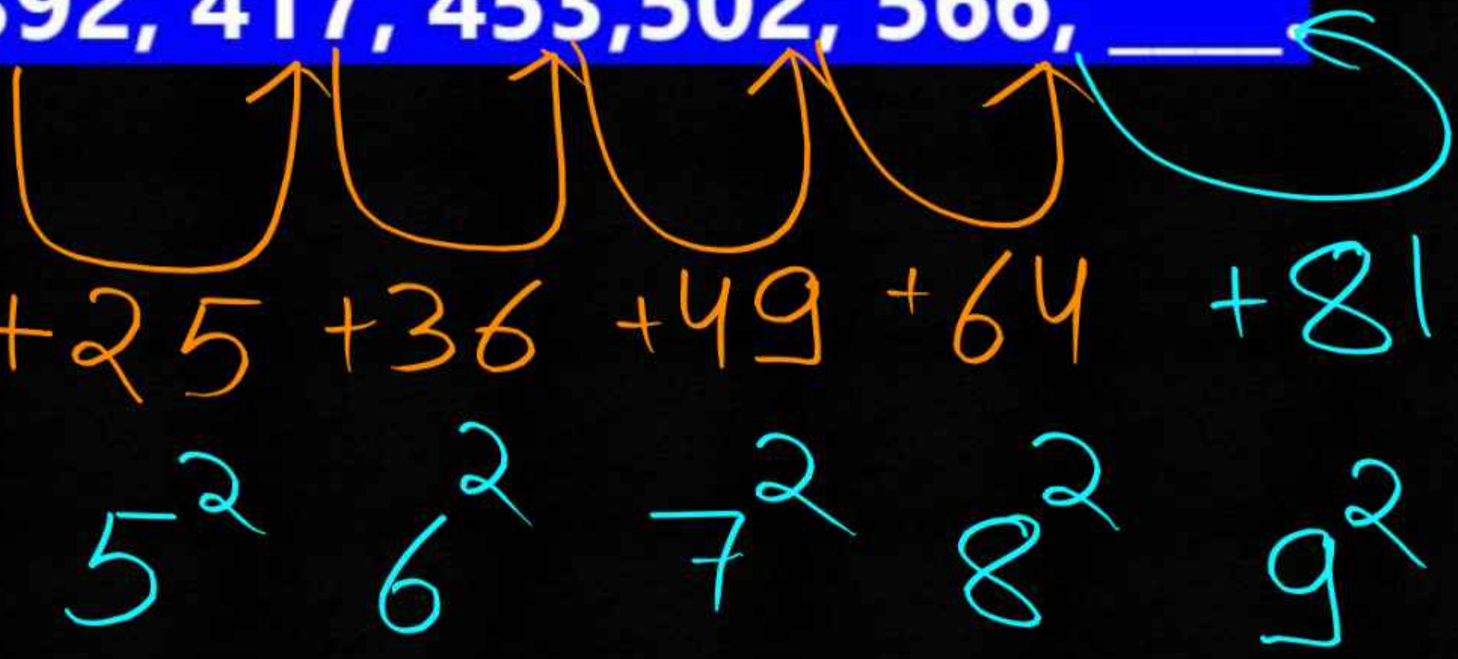
392, 417, 453, 502, 566, ____

(a) 598

(b) 647

(c) 654

(d) 644



Type-2 घन पर आधारित प्रश्न प्रश्न Questions based on cube

7.

1728, 2744, 4096, 5832, ____.

8000

(a) 9261
(b) 10648
(c) 8000
(d) 8436

12^3 14^3 16^3 18^3 20^3

8. 350, 738, 1342, 2210, ?

(a) 3390
(b) 3384
(c) 3376
(d) 3472

7^3+7 9^3+9 11^3+11 13^3+13 15^3+15

2197 + 13 = 2210

3375 + 15 = 3390

9.

65, 126, 217, 344, 513, ?

(a) 724
(b) 730
(c) 744
(d) 856

4^3+1 5^3+1 6^3+1 7^3+1 8^3+1 9^3+1

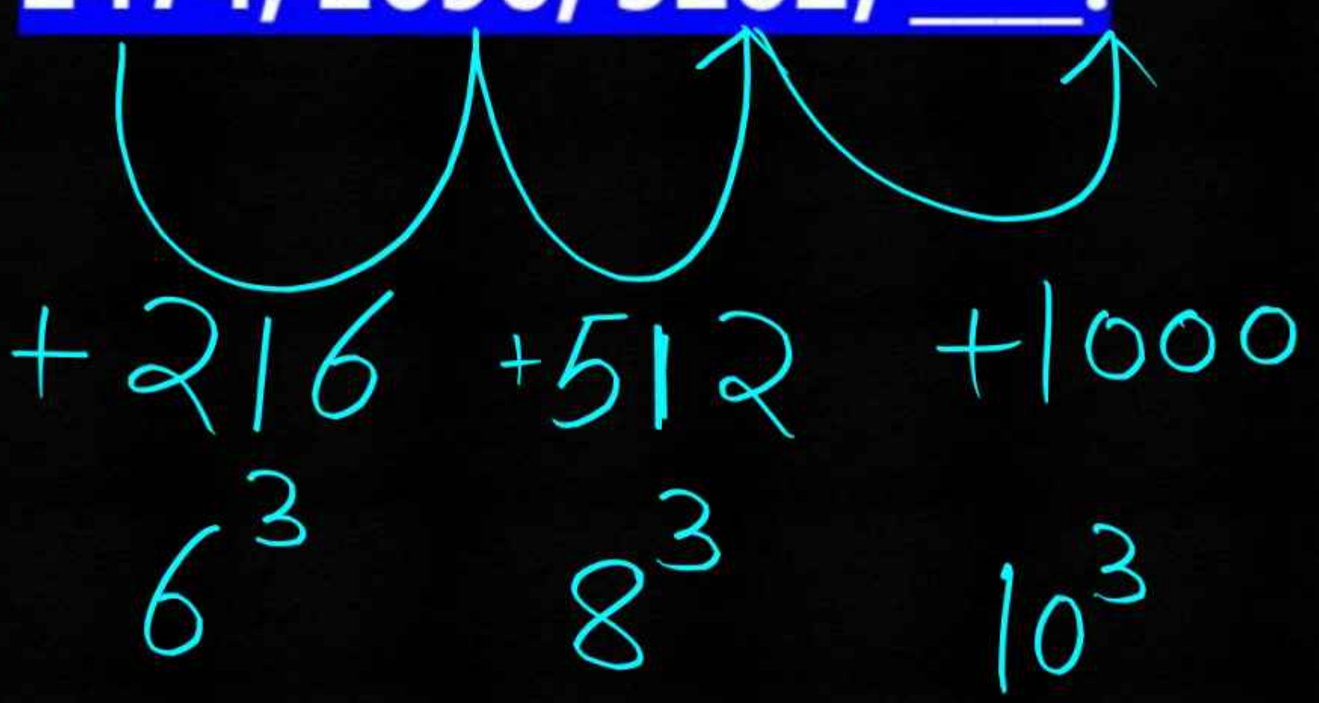
$729+1$

730

10.

2474, 2690, 3202, ____.

(a) 4202
(b) 4206
(c) 4284
(d) 9156



11.

122, 213, 340, 509, _____.

(a) 608
(b) 674
(c) 726
(d) 744

5^3-3 6^3-3 7^3-3 8^3-3 9^3-3

$729-3$

726

✓ Type – 3 योग व अन्तर पर आधारित प्रश्न

✓ Questions based on multiplication and division

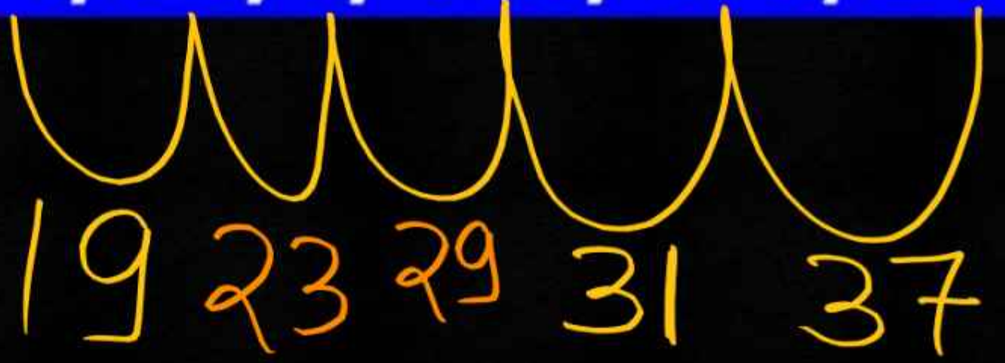
12. 74, 93, ?, 145, 176, 213

(a) 105

(b) 116

(c) 135

(d) 121



Prime Number

93+23

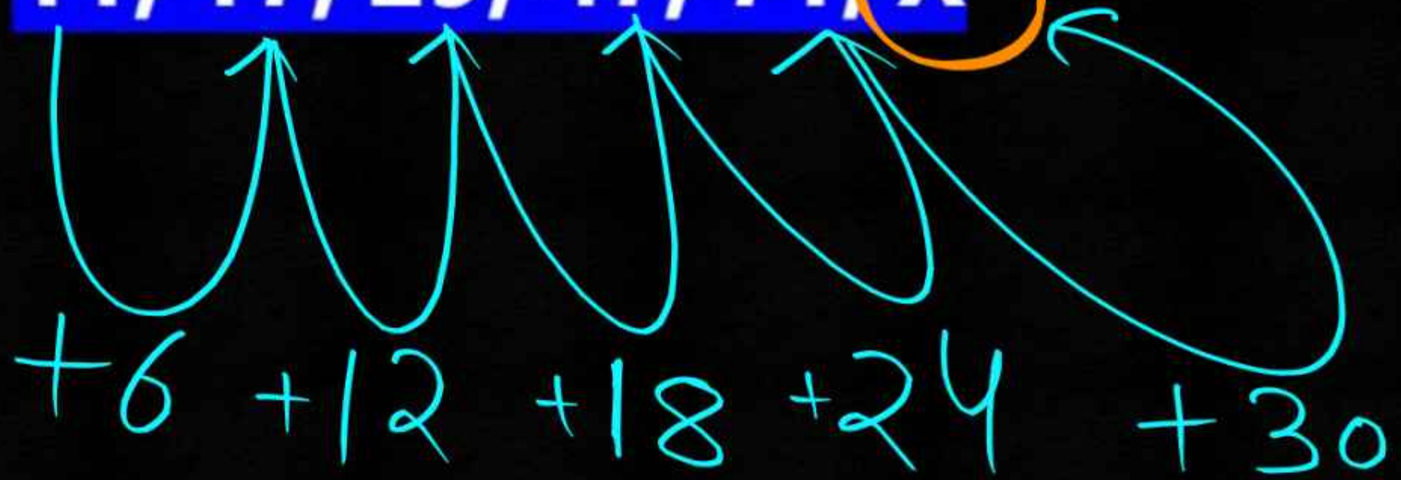
116

13. दी गई श्रृंखला में 'X' के स्थान पर क्या आना चाहिए।

What should come in place of X in the given series?

11, 17, 29, 47, 71, X

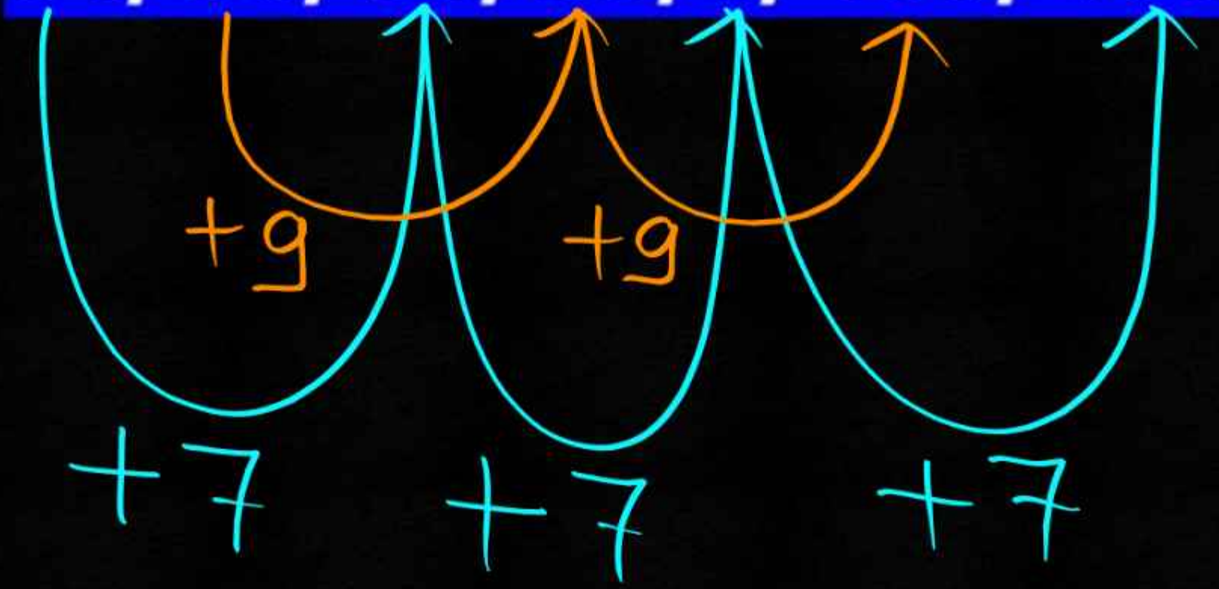
(a) 95
(b) 100
(c) 99
(d) 101



14.

98

84, 90, 91, 99, ?, 108, 105



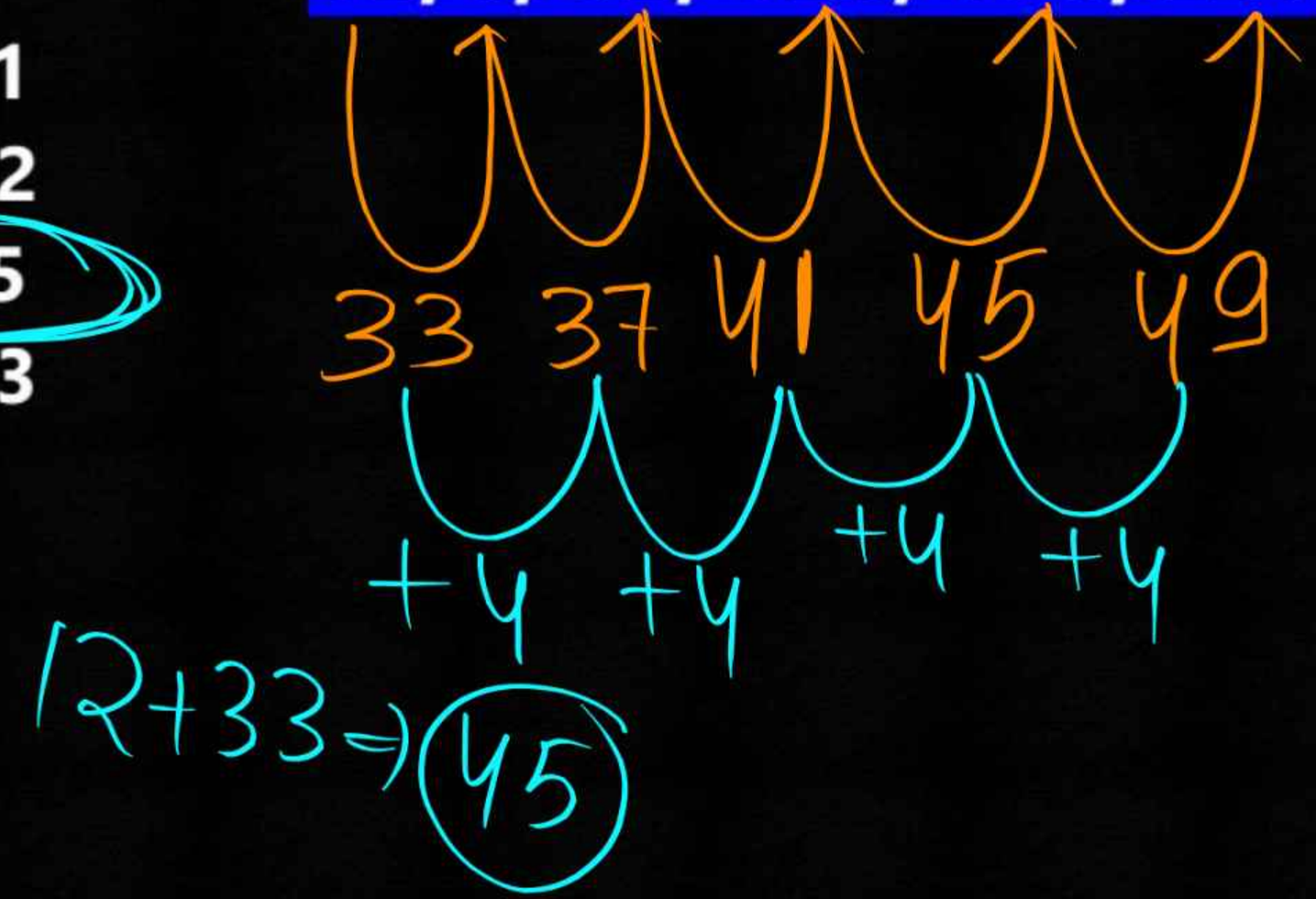
(a) 96
(b) 99
(c) 98
(d) 95

15.

45

12, ?, 82, 123, 168, 217

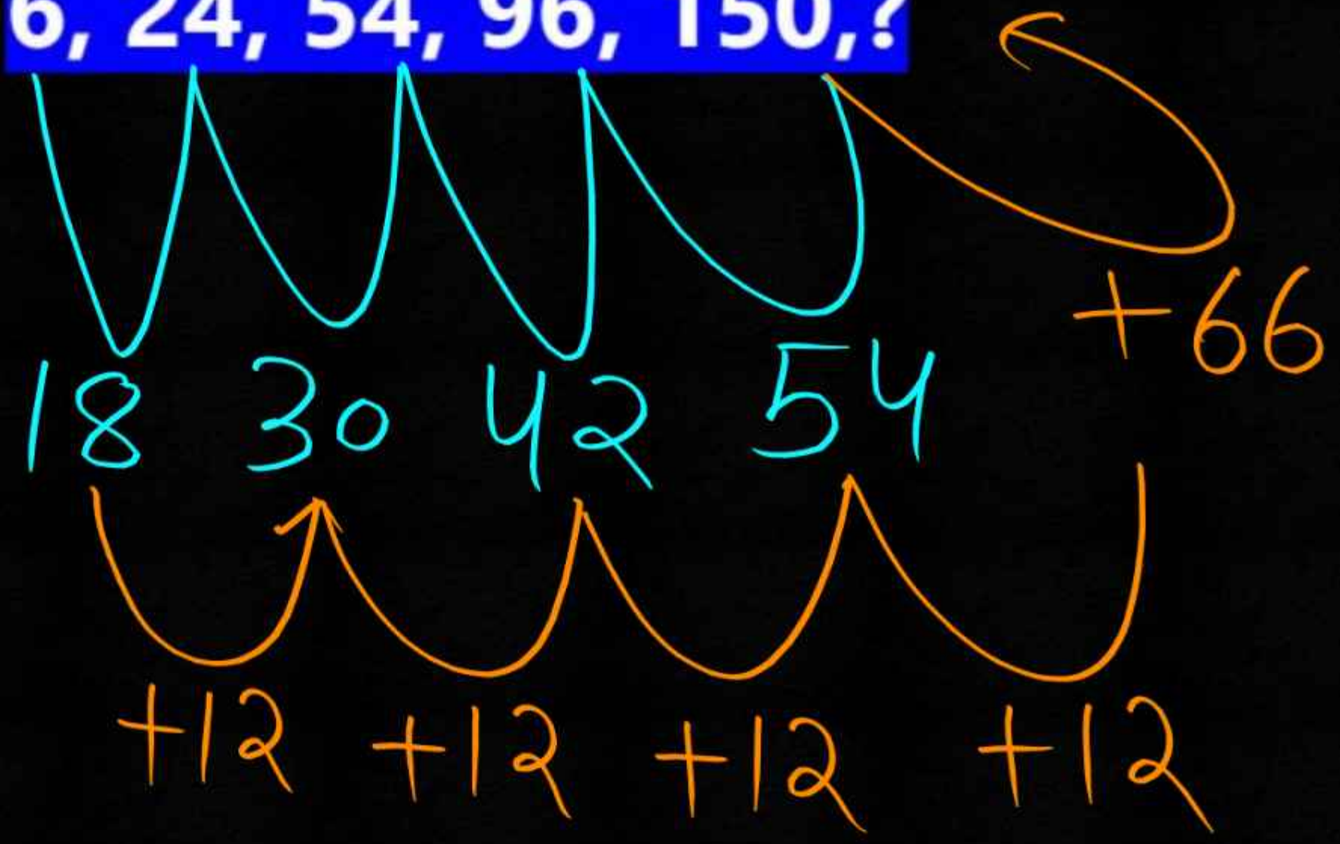
(a) 51
(b) 42
(c) 45
(d) 63



16.

6, 24, 54, 96, 150, ?

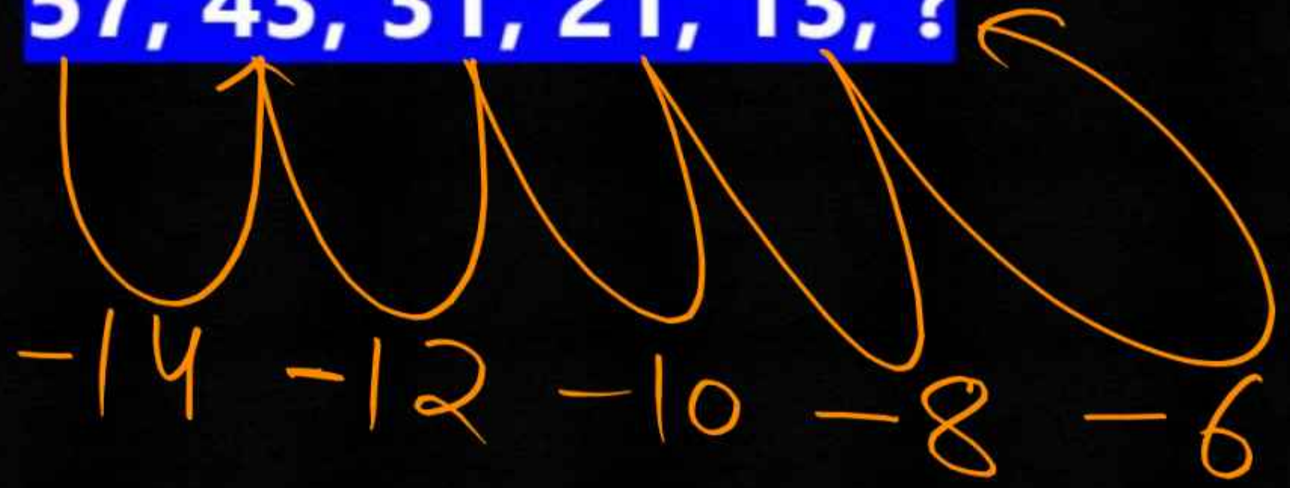
(a) 220
(b) 204
(c) 216
(d) 196



17.

57, 43, 31, 21, 13, ?

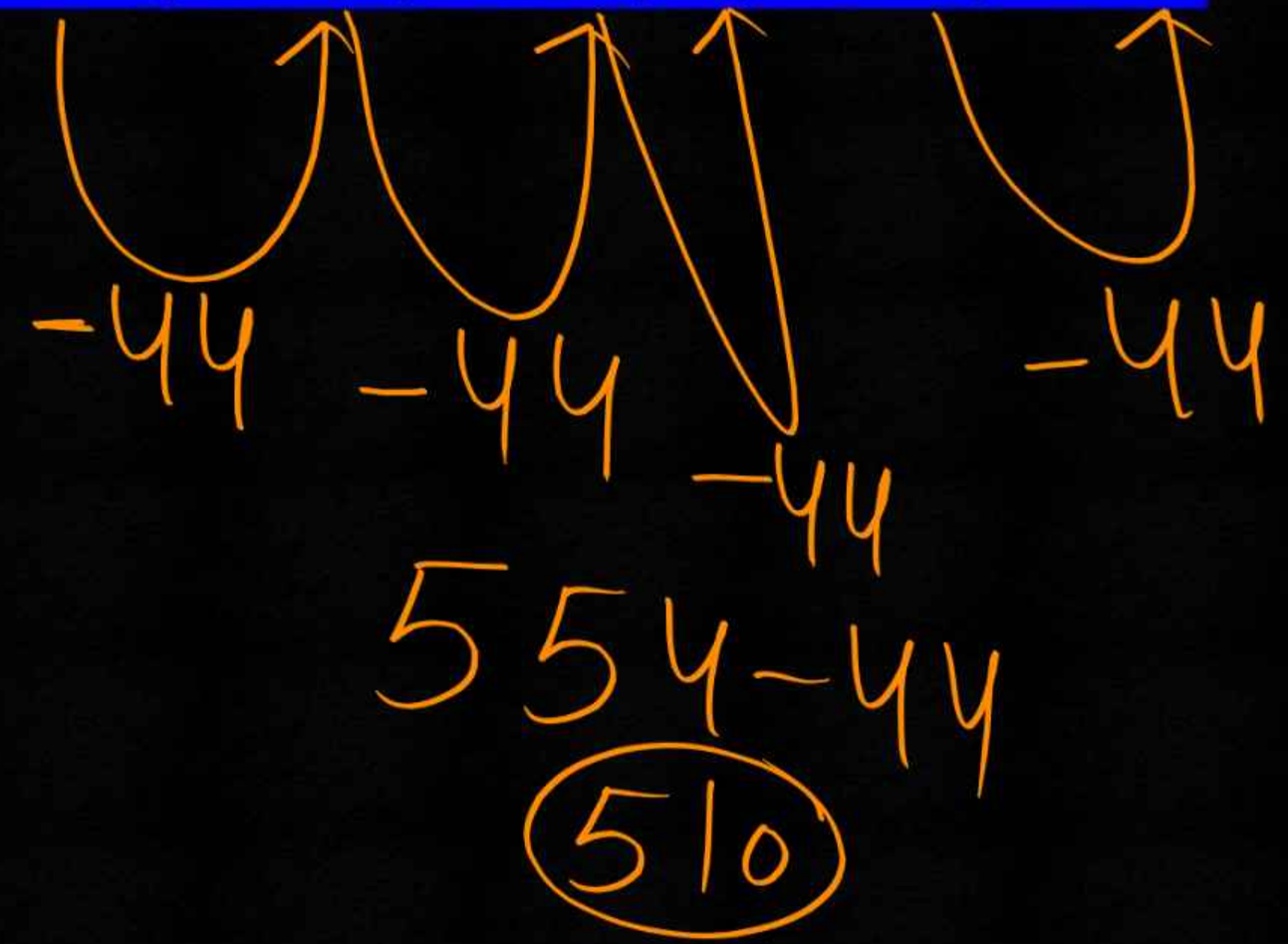
(a) 5
(b) 9
(c) 7
(d) 6



18.

642, 598, 554, ?, 466, 422

(a) 510
(b) 524
(c) 514
(d) 500



19.

8.8, ?, 7.3, 6.7, 6.2, 5.8

(a) 8.1
(b) 8.2
(c) 8
(d) 7.9



8·8 − 0·8

8·0 → 8

✓ Type – 04 गुणा व भाग पर आधारित प्रश्न
Questions based on multiplication and division

20.

8, 11, 22, ?, 50, 53

25

+3 ×2 +3 ×2 +3

(a) 42
(b) 35
(c) 25
(d) 37

21.

1, 2, 8, 48, 384, ?

(a) 3456
(b) 4608
(c) 3840
(d) 4280

