Foundation Batch

REASONING

Number Series

Part -2

LIVE 31-05-2024 11:00AM

Foundation Batch REASONING

1. 2, 3, 10, 15, ?

(a) 25

~~(b) 26~~

(c) 24

(d) 30

2, 3, 10, 15

$(1)^2$ $(2)^2$ $(3)^2$ $(4)^2$

+1 −1 +1 −1

$(5)^2$

+1

Foundation Batch REASONING

2. 120, 440, 960, 1680, ?

~~(a)~~ 2600

(b) 3240

(c) 3040

(d) 2400

120 440

$(11)^2$ $(21)^2$ $(31)^2$ $(41)^2$

-1 -1 -1 -1

$(51)^2$

-1

Foundation Batch REASONING

3. 0, 6, 20, 42, ?

(a) 82

(b) 81

~~(c) 72~~

(d) 76

0, 6, 20, 42

$(0)^2$ $(2)^2$ $(5)^2$ $(6)^2$

+0 +2 +4 +6

$(8)^2$

+8

Foundation Batch REASONING

4. 1, 2, 10, 37, 101, ?

(a) 225

(b) 201

~~(c)~~ 226

(d) 202

125

1, 2, 10, 37, 101

1 8 27 64

Foundation Batch REASONING

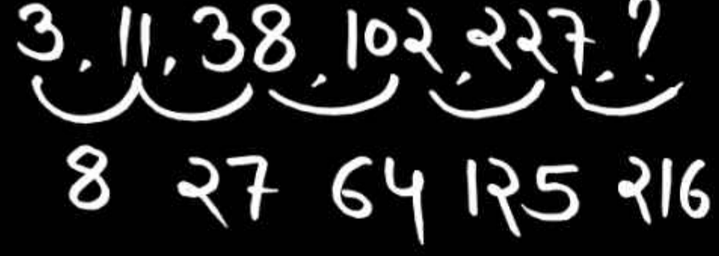
5. 3, 11, 38, 102, 227, ?

(a) 245

(b) 487

(c) 474

(d) 443



Foundation Batch REASONING

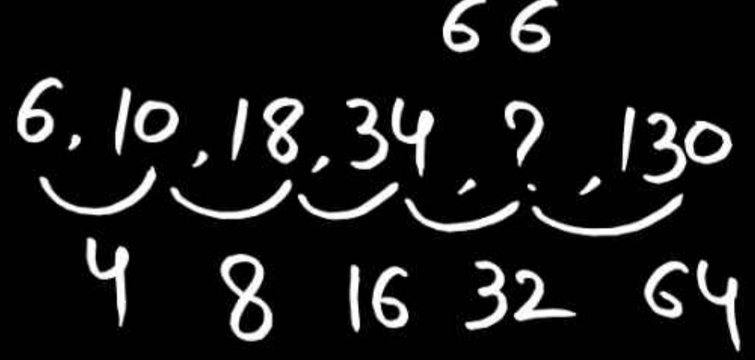
6. 6, 10, 18, 34, ?, 130

(a) 78

(b) 52

(c) 66

(d) 94



Foundation Batch REASONING

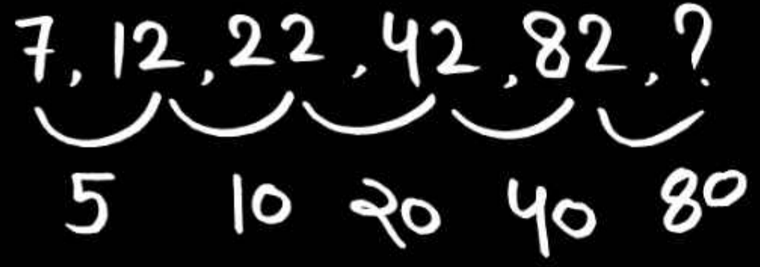
7. 7, 12, 22, 42, 82, ?

(a) 143

(b) 183

(c) 162

(d) 173



Foundation Batch REASONING

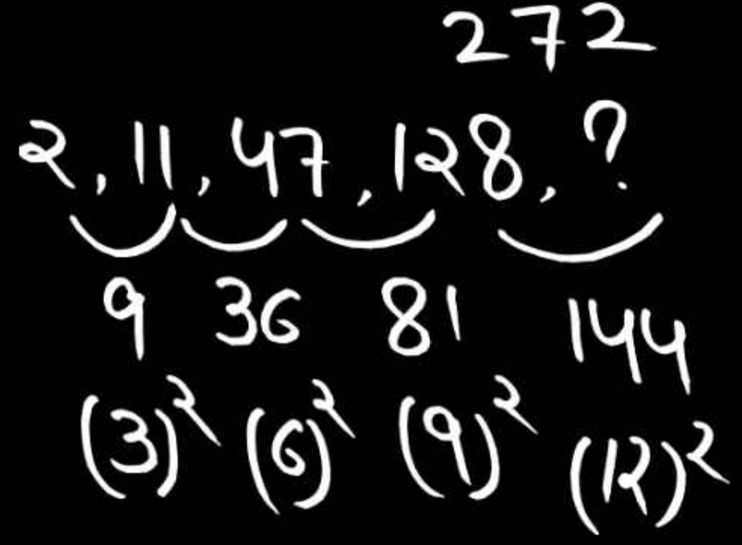
8. 2, 11, 47, 128, ?

(a) 175

(b) 219

(c) 272

(d) 353



Foundation Batch REASONING

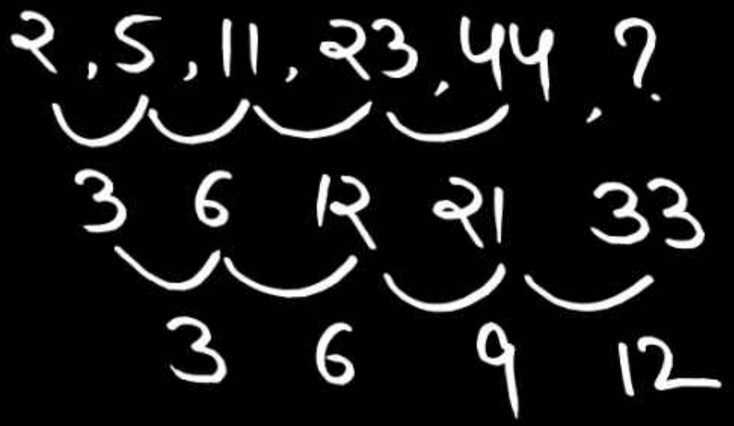
9. 2, 5, 11, 23, 44, ?

(a) 77

(b) 63

(c) 51

(d) 66



Foundation Batch REASONING

10. 125, 171, 263, 404, 585, ?

(a) 835

(b) 815

(c) 792

(d) 788

46 92 138 184 230

46 46 46 46

Foundation Batch REASONING

11. 3, 6, 11, 18, 27, 38, 51, 66, 83, ?

3 5 7 9 11 13 15 17 19

(a) 104

(b) 110

(c) 102

(d) 100

Foundation Batch REASONING

12. 116, 128, 146, 170, 200, ?

(a) 236

(b) 260

(c) 264

(d) 232

12 18 24 30 36

Foundation Batch REASONING

13. 5, 13, 29, 61, 125, ?

8 16 32 64 128

(a) 253

(b) 196

(c) 245

(d) 145

Foundation Batch REASONING

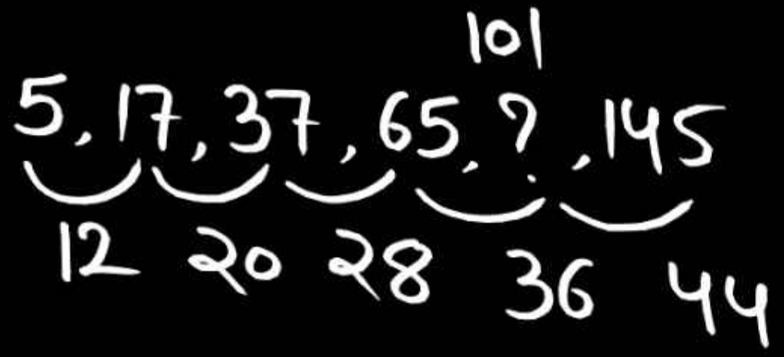
14. 5, 17, 37, 65, ?, 145

(a) 95

(b) 97

(c) 99

(d) 101



Foundation Batch REASONING

15. 0, 1, 4, 15, ?, 325, 1956

$\times 1+1$ $\times 2$ $\times 3$ $\times 4$

$+2+3+4$

(a) 60

(b) 64

(c) 75

(d) 80

Foundation Batch REASONING

16. 5, 16, 51, 158, ?

×3+1 ×3+3 ×3+5 ×3+7

(a) 441

(b) 465

(c) 478

(d) 481

Foundation Batch REASONING

17. 3, 7, 16, 35, ?, 153

$x2+1 \quad x2+2 \quad x2+3 \quad x2+4 \quad x2+5$

(a) 63

(b) 74 ✓

(c) 78

(d) 84

Foundation Batch REASONING

18. 1, 2, 6, 21, ?, 445, 2676

$1\times1+1,\ 2\times2+2,\ 3\times3+3,\ 4\times4+4$

(a) 76

(b) 88

(c) 42

(d) 82

Foundation Batch REASONING

19. 0, 4, 18, 48, ?, 180

4 14 30 52 80

10 16 22 28

(a) 58

(b) 68

(c) 84

(d) 100

Foundation Batch REASONING

20. 538, 725, 813, ?

16 14 12 10

(a) 712

(b) 814

(c) 328

(d) 219