

Number Series

Directions (Q. Nos. 1-10) In the following questions, select the missing number from the given series.

Q1. 2, 5, 12, 27, ?

- (a) 53
- (b) 56
- (c) 57
- (d) 58

Q2. 0.05, - 0.1, ?, - 0.4, 0.8

- (a) -0.2
- (b) 0.25
- (c) -0.25
- (d) 0.2

Q3. 9, 10, 13, 22, 49, ?

- (a) 117
- (b) 126
- (c) 115
- (d) 130

Q4. 6, 9, 15, 24, 39, 63, ?

- (a) 97
- (b) 115
- (c) 102
- (d) 124

Q5. 13, 16, 11, 18, 9, 20, ?

- (a) 3
- (b) 5
- (c) 6
- (d) 7

Q6. 3, 4, 5, 4, 9, 10, 6, 16, 15, 9, 25, 20, 13, 36, ?

- (a) 17
- (b) 25
- (c) 28
- (d) 31

Q7. 19, 26, 45, 71, 116, ?

- (a) 166
- (b) 172
- (c) 184
- (d) 187

Q8. 19, 11, 13, 16, 15, 17, 13, 19, 21, ?

- (a) 10
- (b) 11
- (c) 12
- (d) 15

Q9. 13, 27, 56, 115, ?

- (a) 224
- (b) 231
- (c) 233
- (d) 234

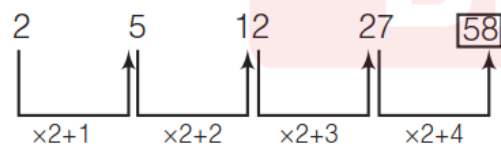
Q10. 1, 0.125, 1/27, 1/64, ?, 1/216

- (a) 0.025
- (b) 1/8
- (c) 1/128
- (d) 0.008

Solutions

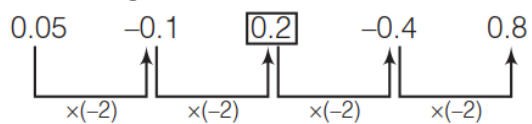
S1. Ans.(d)

Sol. The given series is as follows,



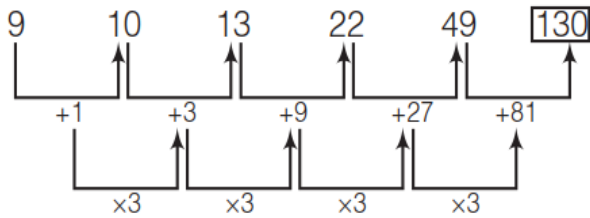
S2. Ans.(d)

Sol. The given series is as follows,



S3. Ans.(d)

Sol. The given series is as follows,



S4. Ans.(c)

Sol. The given series is as follows,

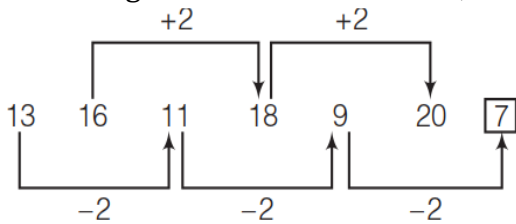
$$6 + 9 = 15$$

$$15 + 24 = 39$$

$$39 + 63 = \boxed{102}$$

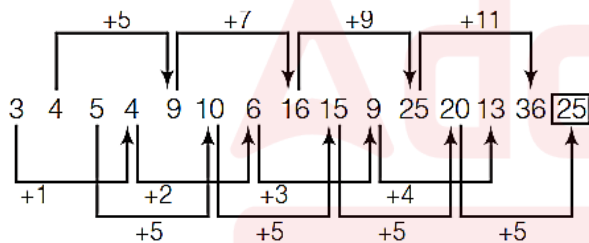
S5. Ans.(d)

Sol. The given series is as follows,



S6. Ans.(b)

Sol. The given series is as follows,



S7. Ans.(d)

Sol. The given series is as follows,

$$19 + 26 = 45$$

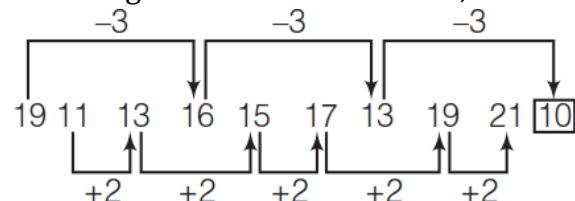
$$26 + 45 = 71$$

$$45 + 71 = 116$$

$$71 + 116 = \boxed{187}$$

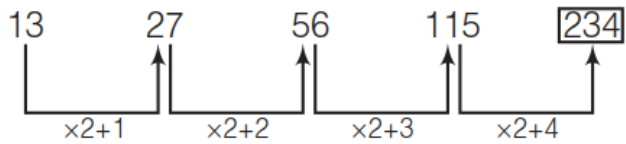
S8. Ans.(a)

Sol. The given series is as follows,



S9. Ans.(d)

Sol. The given series is as follows,



S10. Ans.(d)

Sol. The given series is as follows,

