

NUMBER & ALPHABET SERIES

NUMBER SERIES:

1) 86, 89, 93, 98, 104, a) 113 b) 111 c) 110 d) 112

2) 23, 34, 47, 62, 79, a) 99 b) 102 c) 98 d) 96

3) 14, 29, 316, 425, 536, a) 629 b) 664 c) 649 d) 681

4) 19, 23, 29, 31, 37, 41, a) 42 b) 46 c) 40 d) 43

5) 2, 9, 28, 65, 126, a) 206 b) 217 c) 256 d) 216

LETTER SERIES:

6) E, G, J, N, S, a) V b) X c) Z d) Y

7) B, C, F, K, R, a) A b) Z c) B d) X

8) FG, HJ, KN, OS, a) TY b) SX c) TA d) RW

9) BCA, EFD, HIG, KLJ, a) MON b) NMO c) NOM d) ONM

10) Which letter is 3 places to the left of the letter, which is 7 places to the right of N?

11) Which letter is 8th to the left of the letter, which is the 5th to the right of J?

12) Find the letter 3rd to the left of the 9th to the right of the 4th to the left of T?

Answers:

1) b (111)

Pattern: (+3, +4, +5, +6, +7)

2) c (98)

Pattern: (5^2-2 , 6^2-2 , 7^2-2 , 8^2-2 , 9^2-2 , 10^2-2)

3) c (649)

Pattern: (Pattern: $14 \longrightarrow (1)(4) = 1 \& 2^2$, $(2)(9) = 2 \& 3^2$, $(3)(16) = 3 \& 4^2$, $4 \& 5^2$, $5 \& 6^2$, $6 \& 7^2$)

4) d (43)

Pattern: (Consecutive prime numbers)

5) b (217)

Pattern: (1^3+1 , 2^3+1 , 3^3+1 , 4^3+1 , 5^3+1 , 6^3+1)

6) d (Y)

Pattern: (+2, +3, +4, +5, +6)

7) a (A)

Pattern: (+1, +3, +5, +7, +9)

8) a (TY)

Pattern: (F(+1)G, H(+2)J, K(+3)N, O(+4)S, T(+5)Y)

9) c (NOM)

Pattern: (ABC \longrightarrow BCA, DEF \longrightarrow EFD, GHI \longrightarrow HIG etc.)

10) Ans: R

11) Ans: G

12) Ans: V