

Pattern & Sequences

Worksheet-2

A] Observe the following growing patterns of numbers. Find out, what is added to get the next one:

(i) 1, 4, 7, 10, 13, 16, _____, _____, _____

(ii) 0, 2, 6, 12, 20, _____, _____, _____

(iii) 1, 3, 7, 13, 21, _____, _____, _____

(iv) 0, 1, 4, 9, 16, _____, _____, _____

(v) 17, 23, 29, 35, 41, _____, _____, _____

(vi) 13, 16, 19, 22, _____, _____, _____

(vii) 31, 38, 45, 52, _____, _____, _____

(viii) 1, 5, 9, 13, _____, _____, _____

B] Fill in the blanks with the help of numbers given below without using actual addition

81 82 83 88 85 86 87 88 89

(a) $85 + 85 = \underline{\hspace{2cm}} + 82$

(b) $83 + 87 = 87 + \underline{\hspace{2cm}}$

(c) $86 + 84 = 85 + \underline{\hspace{2cm}}$

(d) $89 + \underline{\hspace{2cm}} = 81 + 89$

(e) $82 + \underline{\hspace{2cm}} = 85 + 85$

(f) $\underline{\hspace{2cm}} + 83 = 85 + 80$

C] Fill in the blanks:

a. ABC, DEF, GHI, —, —, —

b. 28Z, 27Y, 26X, —, —, —

c. 864, 764, 664, —, —, —

d. 9, 109, 209, —, —, —

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