

Samples

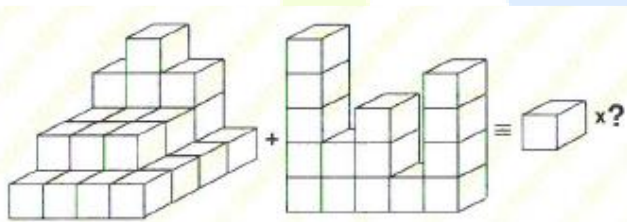
1) With given rules, find the value of

$$792343 = ?$$

- 496897
- 136408
- 792136
- 792343
- 752136

- A) KANSER
- B) KONSER
- C) SERPIL
- D) KANEPE

2) How many small cubes are there?



- A) 44
- B) 45
- C) 46
- D) 47

3)

	□△○	○○△	□□△
△□	○	□○○	□
□○	△	□○△	○□△
○△	□	?	○□□

- A) △
- B) ○△
- C) △△
- D) ○

5) 3, 6, ?, 18, 21, 42, 45, 90

- A) 4
- B) 7
- C) 8
- D) 9

6) 11, 22, 35, ?, 67, 86, 107

- A) 48
- B) 50
- C) 51
- D) 52

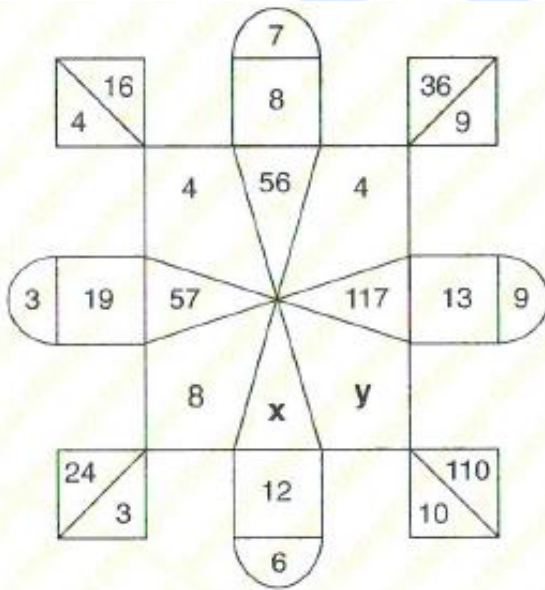
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7)

- I. $a \oplus b = a^3 + b$
- II. $a \otimes b = \frac{a+b}{2}$
- III. $a \otimes b = a - b$
- IV. $(24 \otimes 10) \otimes (3 \oplus 7) = ?$

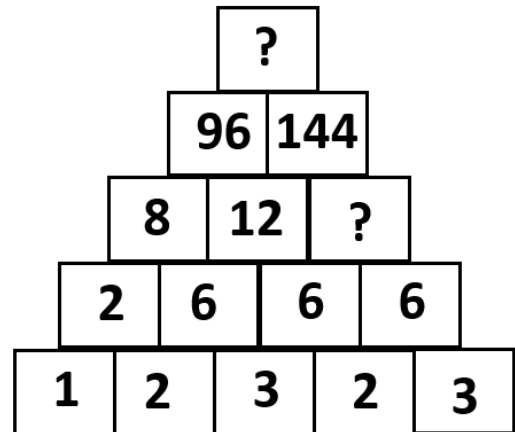
- A) 20
- B) 24
- C) 28
- D) 32

8) Find the value of $x + y = ?$



- A) 83
- B) 86
- C) 89
- D) 92

9)



- A) 36, 240
- B) 18, 216
- C) 12, 288
- D) 12, 240

10) Find the value of $D = ?$

$$\begin{array}{r} D \\ - E \\ \hline 2 \end{array} \quad \begin{array}{r} D \\ - F \\ \hline 14 \end{array} \quad \begin{array}{r} E \\ - F \\ \hline 2 \end{array}$$

- A) 6
- B) 7
- C) 8
- D) 9

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