

ROJGAR WITH ANKIT

Number Series

PART → 5#

अस विकल्प का चयन करें, जो निम्नलिखित श्रेणी में प्रश्न चिह्न (?) के स्थान पर आ सकता है—

(1) 7, 17, 41, 85, ¹⁵⁵?, 257

$$\begin{array}{ccccccc} & & & & 155 & & \\ & & & & ? & & \\ \underbrace{7} & \underbrace{17} & \underbrace{41} & \underbrace{85} & \underbrace{?} & \underbrace{257} & \\ \underbrace{10} & \underbrace{24} & \underbrace{44} & \underbrace{70} & & & \\ & 14 & 20 & 26 & & & \end{array}$$

(2) 3, 12, 36, 80, ¹⁴⁹?, 248

$$\begin{array}{ccccccc} & & & & 149 & & \\ & & & & ? & & \\ \underbrace{3} & \underbrace{12} & \underbrace{36} & \underbrace{80} & \underbrace{?} & \underbrace{248} & \\ \underbrace{9} & \underbrace{24} & \underbrace{44} & \underbrace{69} & \underbrace{99} & & \\ & 15 & 20 & 25 & 30 & & \end{array}$$

(3) 4, 6, 9, 14, 23, 40, ? 73

$$\begin{array}{ccccccc} & & & & & & \\ & & & & & & \\ \underbrace{4} & \underbrace{6} & \underbrace{9} & \underbrace{14} & \underbrace{23} & \underbrace{40} & \underbrace{?} & \underbrace{73} \\ \underbrace{2} & \underbrace{3} & \underbrace{5} & \underbrace{9} & \underbrace{17} & \underbrace{33} & & \\ & 1 & 2 & 4 & 8 & 16 & & \end{array}$$

(4) 61, 73, 99, 141, 201, ? 281

$$\begin{array}{ccccccc} & & & & & & \\ & & & & & & \\ \underbrace{61} & \underbrace{73} & \underbrace{99} & \underbrace{141} & \underbrace{201} & \underbrace{?} & \underbrace{281} \\ \underbrace{12} & \underbrace{26} & \underbrace{42} & \underbrace{60} & \underbrace{80} & & \\ & 14 & 16 & 18 & 20 & & \end{array}$$

(5) 1, 8, 16, 27, 43, 66, 98, ? 141

$$\begin{array}{ccccccc} & & & & & & \\ & & & & & & \\ \underbrace{1} & \underbrace{8} & \underbrace{16} & \underbrace{27} & \underbrace{43} & \underbrace{66} & \underbrace{98} & \underbrace{?} & \underbrace{141} \\ \underbrace{7} & \underbrace{8} & \underbrace{11} & \underbrace{16} & \underbrace{23} & \underbrace{32} & \underbrace{43} & & \\ & 1 & 3 & 5 & 7 & 9 & 11 & & \end{array}$$

(6) 3, 5, 8, 11, ¹⁶?, 19, 24

2+1=3		11+5=16
3+2=5		13+6=19
5+3=8		17+7=24
7+4=11		

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(7). $2, 3, 10, 39, 172, ?$, 5346

$\times 1 \quad \times 2 \quad \times 3 \quad \times 4 \quad \times 5 \quad \times 6$

$+(1)^2 \quad +(2)^2 \quad +(3)^2 \quad +(4)^2 \quad +(5)^2 \quad +(6)^2$

(8). $14, 15, 24, 49, 98, 179, ?$ 300

$1 \quad 9 \quad 25 \quad 49 \quad 81 \quad 121$

$(1)^3+1 \quad (2)^3+2 \quad (3)^3+3 \quad (4)^3+4 \quad (5)^3+5 \quad (6)^3+6$

(9). $1, 1, 2, 2, 6, 10, 42, ?$, 1806

$(1)^2+1 \quad (2)^2+2 \quad (6)^2+6 \quad ? \quad (42)^2+42$

(10). $7, 16, 41, 94, 251, ?$ 568

$9 \quad 25 \quad 53 \quad 157 \quad 317$

$\times 3 \quad \times 2 \quad \times 3 \quad \times 2$

$-2 \quad +3 \quad -2 \quad +3$

(11). $32, 34, 43, 71, 136, ?$ 262

$2 \quad 9 \quad 28 \quad 65 \quad 126$

$(1)^3 \quad (2)^3 \quad (3)^3 \quad (4)^3 \quad (5)^3$

$+1 \quad +1 \quad +1 \quad +1 \quad +1$

(12). $2, 31, 4, 37, 10, 41, 28, 43, 82, 47, ?$

$2 \quad 6 \quad 18 \quad 54 \quad 162$

127

(13). $55, 63, ?$, 343, 855, 1855

$8 \quad 64 \quad 216 \quad 512 \quad 1000$

$(2)^3 \quad (4)^3 \quad (6)^3 \quad (8)^3 \quad (10)^3$

(14). $9, 35, 91, 189, 341, ?$ 559

$(1)^3 \quad (2)^3 \quad (3)^3 \quad (4)^3 \quad (5)^3 \quad (6)^3$

$+(2)^3 \quad +(3)^3 \quad +(4)^3 \quad +(5)^3 \quad +(6)^3 \quad +(7)^3$

HW
(15). $16, 81, 76, ?$ 616, 1831, 5476