

Foundation Batch



REASONING

Number Series

Part -3

LIVE

01-06-2024 11:00AM



$$\begin{array}{ccccccc} & & & & & & \underline{81} \\ 6, & 11, & 21, & 36, & 56, & ? & \\ \underbrace{\hspace{1cm}} & \underbrace{\hspace{1cm}} & \underbrace{\hspace{1cm}} & \underbrace{\hspace{1cm}} & \underbrace{\hspace{1cm}} & & \\ 5 & 10 & 15 & 20 & 25 & & \end{array}$$

$$\begin{array}{ccccccc} & & & & & & \underline{94} \\ 4, & 10, & 22, & 46, & ?, & 190 & \\ \underbrace{\hspace{1cm}} & \underbrace{\hspace{1cm}} & \underbrace{\hspace{1cm}} & \underbrace{\hspace{1cm}} & \underbrace{\hspace{1cm}} & & \\ 6 & 12 & 24 & 48 & 96 & & \end{array}$$

$$\begin{array}{ccccccc} & & & & & & \underline{129} \\ 9, & 17, & 33, & 65, & ? & & \\ \underbrace{\hspace{1cm}} & \underbrace{\hspace{1cm}} & \underbrace{\hspace{1cm}} & \underbrace{\hspace{1cm}} & \underbrace{\hspace{1cm}} & & \\ 8 & 16 & 32 & 64 & & & \end{array}$$

$$\begin{array}{ccccccc} & & & & & & \underline{244} \\ 4, & 10, & 28, & 82, & ? & & \\ \underbrace{\hspace{1cm}} & \underbrace{\hspace{1cm}} & \underbrace{\hspace{1cm}} & \underbrace{\hspace{1cm}} & \underbrace{\hspace{1cm}} & & \\ 6 & 18 & 54 & 162 & & & \end{array}$$

$$\begin{array}{ccccccc} & & & & & & \underline{116} \\ 6, & 17, & 39, & 72, & ? & & \\ \underbrace{\hspace{1cm}} & \underbrace{\hspace{1cm}} & \underbrace{\hspace{1cm}} & \underbrace{\hspace{1cm}} & \underbrace{\hspace{1cm}} & & \\ 11 & 22 & 33 & 44 & & & \end{array}$$

$$\begin{array}{cccccc}
 2, & 5, & 9, & 19, & 37, & ? \\
 \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} & \\
 \times 2 & \times 2 & \times 2 & \times 2 & \times 2 & \\
 +1 & -1 & +1 & -1 & +1 &
 \end{array}
 \quad \underline{75}$$

$$\begin{array}{cccccc}
 9, & 10, & 14, & 23, & 39, & ? \\
 \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} & \\
 1 & 4 & 9 & 16 & 25 &
 \end{array}
 \quad \underline{64}$$

$$\begin{array}{cccccc}
 5, & 86, & 135, & 160, & ? & 169 \\
 \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} & \\
 81 & 49 & 25 & 9 & &
 \end{array}$$

$$\begin{array}{cccccc}
 7, & 176, & 297, & 378, & ? & \\
 \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} & \\
 169 & 121 & 81 & 49 & &
 \end{array}
 \quad \begin{array}{c} 427 \\ \hline \end{array}$$

$$\begin{array}{ccccccc} 35 & , & 40 & , & 51 & , & 68 & , & 91 & , & 120 & , & ? & \underline{155} \\ \underbrace{}_5 & & \underbrace{}_{11} & & \underbrace{}_{17} & & \underbrace{}_{23} & & \underbrace{}_{29} & & \underbrace{}_{35} & & & \end{array}$$

$$\begin{array}{ccccccc} 8 & , & 11 & , & 15 & , & 22 & , & 33 & , & 51 & , & 80 & , & 127 & , & ? & \underline{203} \\ \underbrace{}_3 & & \underbrace{}_4 & & \underbrace{}_7 & & \underbrace{}_{11} & & \underbrace{}_{18} & & \underbrace{}_{29} & & \underbrace{}_{47} & & \underbrace{}_{76} & & & \end{array}$$

$$\begin{array}{ccccccc} 8 & , & 8 & , & 32 & , & 288 & , & 4608 & , & ? & \underline{115200} \\ \underbrace{}_1 & & \underbrace{}_4 & & \underbrace{}_9 & & \underbrace{}_{16} & & \underbrace{}_{25} & & & \end{array}$$

$$\begin{array}{ccccccc} 240 & , & 240 & , & 120 & , & 40 & , & 10 & , & ? & \underline{2} \\ \underbrace{}_{\div 1} & & \underbrace{}_{\div 2} & & \underbrace{}_{\div 3} & & \underbrace{}_{\div 4} & & \underbrace{}_{\div 5} & & & \end{array}$$

$$\begin{array}{ccccccc} 1440 & , & 1440 & , & 720 & , & 240 & , & 60 & , & ? & \underline{12} \\ \underbrace{}_{\div 1} & & \underbrace{}_{\div 2} & & \underbrace{}_{\div 3} & & \underbrace{}_{\div 4} & & \underbrace{}_{\div 5} & & & \end{array}$$

$9, 35, 91, 189, 341, 7559$
 $26, 56, 98, 152, 218$
 $30, 42, 54, 66$

$32, 34, 7, 212, 850, 4252$
 x_1, x_2, x_3, x_4, x_5
 $+2, +2, +2, +2, +2$

$11, 14, 26, 53, 101, ?$

$13, 29, 62, 129, 264, ?$

$23, 28, 38, 55, 81, ?$