

SERIES

Q) 2, 3, 10, 39, 172, **885**, 5346

$\begin{array}{cccccc} \times 1 & \times 2 & \times 3 & \times 4 & \times 5 \\ +1 & +4 & +9 & +16 & +25 \end{array}$

Q) 1, 1, 4, 8, 9, 27, **16**

$(1)^2, (1)^3, (2)^2, (2)^3, (3)^2, (3)^3, (4)^2$

Q) 56, 72, 90, 110, 132, **156**

$\begin{array}{ccccc} 16 & 18 & 20 & 22 & 24 \end{array}$

Q) 336, 210, 120, **60**, 24, 6, 0

$\begin{array}{cccccc} \uparrow & & \uparrow & \uparrow & \uparrow & \uparrow \\ (7)^3-7 & & (5)^3-5 & (3)^3-3 & (1)^3-1 \\ & \uparrow & & \uparrow & & \\ & (6)^3-6 & & (4)^3-4 & & (2)^3-2 \end{array}$

Q) 4, 18, **48**, 100, 180, 294, 448

$\begin{array}{ccccccc} (2)^2 & (3)^2 & (4)^2 & (5)^2 & (6)^2 & (7)^2 & (8)^2 \\ \times 1 & \times 2 & \times 3 & \times 4 & \times 5 & \times 6 & \times 7 \end{array}$

Q) 14, 16, 21, 32, 49, 72, **103**

$\begin{array}{cccccc} 2 & 5 & 11 & 17 & 23 & 31 \rightarrow \text{अभाज्य} \end{array}$

Q) 66, 77, 90, 107, 126, **149**, 178

$\begin{array}{ccccc} 11 & 13 & 17 & 19 & 23 \rightarrow \text{अभाज्य} \end{array}$

Q) 3, 10, 20, 33, 49, 68, **90**, लुप्त संख्या ज्ञात करें।

$\begin{array}{cccccc} 7 & 10 & 13 & 16 & 19 & 22 \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ 3 & 3 & 3 & 3 & 3 \end{array}$

Q) 3, 15, 35, 63, 99, **143**

$\begin{array}{cccccc} 12 & 20 & 28 & 36 & 44 \\ \downarrow & \downarrow & \downarrow & \downarrow \\ 0 & 0 & 8 & 8 \end{array}$

Q) 436, 382, 337, 301, **274**

$\begin{array}{cccc} 54 & 45 & 36 & 27 \end{array}$

Q) 3, 8, 18, 35, **61**, 98

$\begin{array}{cccc} 5 & 10 & 17 & 26 \\ \downarrow & \downarrow & \downarrow \\ 5 & 7 & 9 \end{array}$

Q) 46, 50, 47, 55, 49, 61, 52

$\begin{array}{cccccc} +4 & -3 & +8 & -6 & +12 & -9 \end{array}$

Q) 40, 60, 47, 53, 54, 46

$\begin{array}{cccc} +7 & & +7 & \\ & \searrow & / & \\ & -7 & & -7 \end{array}$

Q) 3, 6, 9, 15, 24, 39, ?

$3 + 6 = 9$

$6 + 9 = 15$

$9 + 15 = 24$

$15 + 24 = 39$

$24 + 39 = \span style="border: 1px solid green; padding: 2px;">63$

Q) 4, 5, 9, 14, 23, 37, ?

$4 + 5 = 9$

$5 + 9 = 14$

$9 + 14 = 23$

$14 + 23 = 37$

$23 + 37 = \span style="border: 1px solid green; padding: 2px;">60$

Q) 4, 8, 12, 20, ?

$4 + 8 = 12$

$8 + 12 = 20$

$12 + 20 = \span style="border: 1px solid green; padding: 2px;">32$