



Numbers shrikant 26 aug

Special class

Numbers Series

Continue

225 224 223 222 221
-1 -1 -1 -1

17 19 23 29 31 37 41

97 83 73 67 59 47 Ans
85 79 71 61 53

(53, 47,
X)

④

$$\begin{array}{r} 12 \\ \times 14 \\ \hline 23, 21, 28 \end{array}$$

~~12~~

$$\begin{array}{r} 15 \\ \times 16 \\ \hline 18 \end{array}$$

~~12~~

~~19~~

$$\begin{array}{r} 21 \\ \hline \end{array}$$

⑤

225	196	169	$\underline{144}$	121	100	81
15^2	14^2	13^2	12^2	11^2	10^2	9^2

⑥

64	125	216	343	$\frac{512}{8^3}$
4^3	5^3	6^3	7^3	

⑦

$$\begin{array}{ccccccccc} 54 & 66 & 82 & 102 & 126 & 154 & \text{Ans} \\ \downarrow 12 & \downarrow 16 & \downarrow 20 & \downarrow 24 & \downarrow 28 & \downarrow & \\ \end{array}$$

$$\textcircled{8} \quad \begin{array}{ccccccc} 56 & 93 & 124 & 153 & 176 & 195 & 212 \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ +37 & +31 & +29 & +23 & +19 & +17 & \end{array}$$

prime no.

(153, 149, 151,
✓)

$$\textcircled{9} \quad \begin{array}{ccccccccc} 7 & 11 & 20 & 36 & 61 & 97 & 140 \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ +4 & +9 & +16 & +25 & +36 & +49 & +70 \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ 2^2 & 3^2 & 4^2 & 5^2 & 6^2 & 7^2 & \end{array}$$

$$\begin{array}{r}
 75 \\
 291 \\
 \hline
 216
 \end{array}
 \quad
 \begin{array}{r}
 416 \\
 480 \\
 \hline
 64
 \end{array}
 \quad
 \begin{array}{r}
 507 \\
 \hline
 23
 \end{array}
 \quad
 \begin{array}{r}
 515 \\
 \hline
 8
 \end{array}$$

$$\begin{array}{ccccccccc}
 1027 & 1031 & 1037 & 1045 & 1054 & 1064 \\
 +4 & & 6 & 8 & 9 & 10 & \\
 \hline
 & & & & & &
 \end{array}$$

missing $\rightarrow (5, 7)$

\downarrow

miss

$$\begin{array}{r}
 125 \quad 375 \quad 377 \quad 1131 \quad 1133 \\
 \times 3 \qquad \qquad \times 3 \qquad \qquad \times 3 \\
 \hline
 3399
 \end{array}$$

Annotations: $+2$ above the first two digits of the first number; $x 3$ below each of the three multipliers.

$$\begin{array}{r}
 12 \quad 35 \quad 106 \quad 317 \quad 952 \\
 \hline
 \times 3 +1 \qquad \times 3 -1 \qquad \times 3 +1 \qquad \times 3 -1 \\
 \hline
 2855
 \end{array}$$

Annotations: $x 3 +1$ above the first two digits of the first number; $x 3 -1$ below each of the four multipliers.

$$\begin{array}{r}
 5 \quad 13 \quad 41 \quad 85 \quad 257 \quad 517 \\
 \hline
 \times 2 +3 \qquad \times 2 +3 \qquad \times 2 +3 \qquad \times 2 +3
 \end{array}$$

Annotations: $\times 2 +3$ below each of the six multipliers.

8 |

$$64 \frac{4}{5}$$

54

$$46 \frac{2}{7}$$

$$40 \frac{1}{2}$$

36 Ans.

$$\frac{324}{4}$$

$$\frac{324}{5}$$

$$\frac{324}{6}$$

$$\frac{324}{7}$$

$$\frac{324}{8}$$

$$\boxed{\frac{324}{9}}$$

SRCC
GBO , CMAT , MN CET
① ① ①

NMAT , SNAP , MICA , CUET
① ③ ② ①

Compulsory (CAT + XAT + NMAT + SNAP + MICA)

$$\underbrace{6}_{2 \times 3}$$

$$\underbrace{15}_{3 \times 5}$$

$$\underbrace{35}_{5 \times 7}$$

$$\underbrace{77}_{7 \times 11}$$

$$\underbrace{143}_{11 \times 13}$$

$$\underbrace{221}_{13 \times 17}$$

$$\underbrace{323}_{17 \times 19} \text{ Ans}$$

$$(\begin{array}{cc} 455 \\ A \end{array})$$

$$323$$

$$\left(\begin{array}{cc} 445 & 442 \\ C & D \end{array} \right)$$

1

CHOCOLATE

PROBLEM

$$\begin{array}{r} \boxed{150} \\ 5^3 + 5^2 \end{array}$$

$$\begin{array}{r} \boxed{392} \\ 7^3 + 7^2 \end{array}$$

$$\begin{array}{r} \boxed{810} \\ 9^3 + 9^2 \end{array}$$

$$\begin{array}{r} \boxed{1452} \\ 11^3 + 11^2 \end{array}$$

$$\begin{array}{r} \boxed{2366} \\ 13^3 + 13^2 \end{array}$$

$$\begin{array}{r} \boxed{3600} \\ 15^3 + 15^2 \end{array}$$

A) 3375



B) 3600

C) 2800

D) 3000

9 is not prime no.

(Strategy)

60 mins

120 mins

SNAP

NATA

200 Questions

Ques

24

625

26

729

28

841

30

24

(252)

26

(272)

28

(292)

30

Eg

A

C

E

G

Focus on
Sectionals.

1 week → 2 mocks

enough
CAT







