

DIVISION (भाग)

TYPE-5

$N < D$ 0 Add
 $N > D$. Add

$N \rightarrow 3$ 3-1=2
 $D \rightarrow 1$

$$\frac{4}{2} = 2$$

$$\frac{0.004}{0.2} = 0.02$$

$$\frac{0.4}{0.0002} = 2000$$

Ans

$$0.45 / 0.5 =$$

(a) 90

(b) 0.09

(c) 9

✓ ~~(d) 0.9~~

.9

$$0.07 / 0.7 =$$

 (a) 0.1

(c) 1

(b) 0.01

(d) 10

· 1

$$0.352 / 1.6 =$$

 (a) 0.22

(c) 2.2

(b) 0.27

(d) 2.7

• 22

$$0.72 / 0.008 =$$

(a) 9

(b) 0.9

✓ (c) 90

(d) 900

90

$$4.2 / 0.6 =$$

(a) 0.7

(b) 70

✓ (c) 7

(d) 0.07

7

$$0.234 / 0.03 =$$

(a) 0.88

(b) 8.8

(c) 78

✓ (d) 7.8

7.8

$$0.22 / 0.044 =$$

~~(a) 5~~

(c) 0.5

(b) 50

(d) 500

0.5

$$0.36 / 0.4 =$$

(a) 9

(b) 90

~~(c) 0.9~~

(d) 0.09

.9

$$0.04 / 0.1 =$$

(a) 40

(c) 4

✓ (b) 0.4

(d) 0.04

.4

$$5.18 / 0.7 =$$

(a) 72

(b) 74

(c) 7.2

~~(d) 7.4~~

7.4

$$4.26 / 0.6 =$$

(a) 71

(c) 0.71

✓ (b) 7.1

(d) 6.6

7.1

$$83.7 / 0.9 =$$

(a) 930

(c) 9.6

 (b) 93

(d) 9.3

93

$$0.66 / 0.03 =$$

✓ (a) 22
(c) 2.2

(b) 220
(d) 0.22

22

$$11.9 / 1.7 =$$

(a) 0.9

(b) 9

(c) 70

~~(d) 7~~

7

$$0.415 / 0.83 =$$

(a) 0.6

(b) 0.7

☒ (c) 0.5

(d) 0.35

✓

DIVISION (भाग)

TYPE-6

Unitary Method

$a \longrightarrow b$

$c \longrightarrow$

$$2 \xrightarrow{\times 5} 10$$

$$7 \xrightarrow{\times 5} 35$$

$$\begin{array}{l} 3 \xrightarrow{\times 39} 117 \\ 4 \xrightarrow{\times 39} 156 \end{array}$$

$$2 \xrightarrow{\times 6} 12$$

$$27 \xrightarrow{\times 6} ? =$$

(a) 189

(b) 135

(c) 216

 (d) 162

12 $\xrightarrow{\times 4}$ **48**

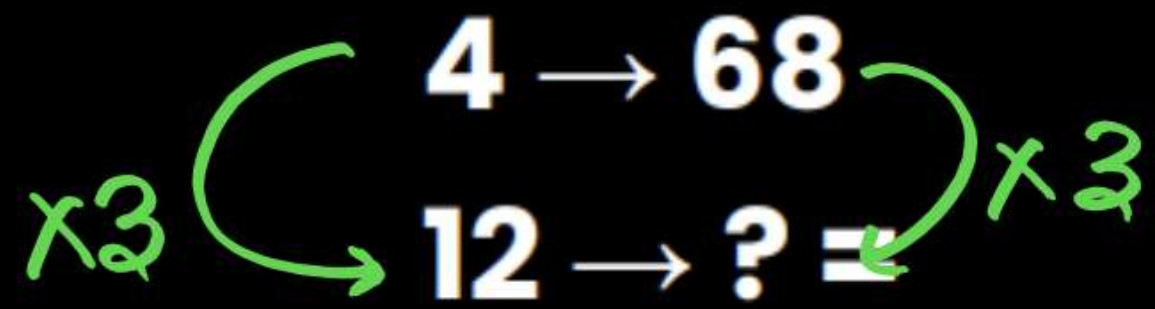
14 $\rightarrow ? =$

~~**(a) 56**~~

(c) 80

(b) 70

(d) 63



(a) 192

(b) 180

☒ (c) 204

(d) 216

$$6 \xrightarrow{\times 17} 102$$

$$5 \xrightarrow{\times 17} ? =$$

(a) 75

(c) 80

(b) 90

~~(d) 85~~

12 $\xrightarrow{\times 11}$ 132

15 $\xrightarrow{\times 11}$? =

(a) 180

(c) 195

~~(b) 165~~

(d) 175

$$13 \xrightarrow{\times 32} \underline{41600}$$

$$5 \xrightarrow{\times 32} ? =$$

(a) 15,000 ✗

(b) 16,500 ✗

(c) 14,500 ✗

✓ (d) 16,000

0 गूल जाडा

①

$4 \rightarrow 63$
 $12 \rightarrow ? =$

~~(a) 189~~

(c) 252

(b) 168

(d) 192

17 $\xrightarrow{32}$ 544

5 $\rightarrow ? =$

(a) 140

(c) 130

☒ (b) 160

(d) 150

Ⓑ

$$\begin{array}{l} 5 \times 13 \rightarrow 65 \\ 6 \times 13 \rightarrow 78 \end{array}$$

$$\begin{array}{l} 30 \rightarrow 650 \\ 24 \rightarrow ? = \end{array}$$

(a) 480

(b) 528

(c) 456

✓ (d) 520

$$6.5 \times 8$$

(D)

4 ~~5~~ 220

10 $\rightarrow$? =

(a) 440

~~(c) 550~~

(b) 880

(d) 660

$$9 \xrightarrow{\times 19} 171$$

$$12 \xrightarrow{\times 19} ? =$$

(a) 240

(b) 312

~~(c) 228~~

(d) 216

$$\underline{6.3} \xrightarrow{\times 4} \underline{25.2}$$

$$1.5 \xrightarrow{\times 4} ? =$$

~~(a) 6~~

(c) 7.5

(b) 9

(d) 12

$$43 \xrightarrow{18} 77.4$$

$$5 \xrightarrow{\times 18} ? =$$

(a) 7.5

(b) 8

(c) 7

✓ ~~(d) 9~~

Advance Calculation

Chapter-4

Division का Postmortem (भाग का पोस्टमार्टम)

$$\frac{N}{5^P} \times \frac{2^P}{2^P} = \frac{N \times 2^P}{10^P}$$

- Division by 5^p (5, 25, 125,)

Divide by 5

$$\frac{47}{5}$$

$\times 2$ ①

9.4

- **Division by 5^p (5, 25, 125,)**

Divide by 5

$$\frac{243}{5}$$

$$48.6$$

- **Division by 5^p (5, 25, 125,)**

Divide by 5

$$\frac{2312}{5} = 462.4$$

$$\frac{12314}{5} = 2462.8$$

Divide by 25

$$\frac{N \times 2^2}{5^2 \times 2^2}$$

$$\frac{87}{25} \xrightarrow{\times 4} 3.48$$

Divide by 25

$$\begin{array}{r} 312 \\ \hline 25 \end{array}$$

12.48

Divide by 25

$$\begin{array}{r} 17343 \\ \hline 25 \end{array}$$

693.72

Divide by 125

$$\frac{N \times 2^3}{5^3 \times 2^3}$$

$$\frac{287}{125} \xrightarrow{\times 8} 2.296$$

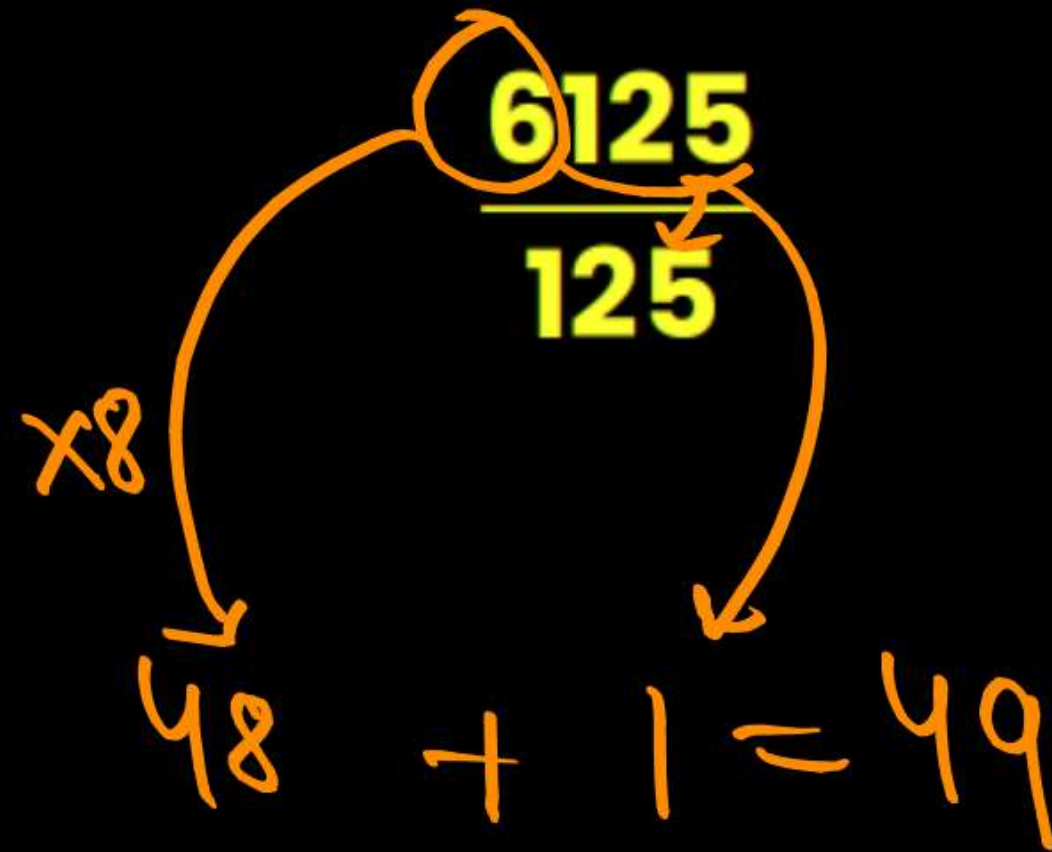
Divide by 125

$$\frac{1327}{125} = 10.616$$

Divide by 125

$$\begin{array}{r} 37346 \\ \hline 125 \end{array}$$

**Special Case जब Last Three Digits 125 से विभाज्य
(Divisible) हो**



**Special Case जब Last Three Digits 125 से विभाज्य
(Divisible) हो**

$$\begin{array}{r} 2375 \\ \hline 125 \end{array}$$

$\rightarrow 6 + 3 = 9$

**Special Case जब Last Three Digits 125 से विभाज्य
(Divisible) हो**

$$\begin{array}{r} \underline{283625} \\ 125 \end{array}$$

$$2264 + 5 = 2269$$

**Special Case जब Last Three Digits 125 से विभाज्य
(Divisible) हो**

$$\begin{array}{r} 243875 \\ \hline 125 \end{array}$$

$$1944 + 7 = 1951$$

**Special Case जब Last Three Digits 125 से विभाज्य
(Divisible) हो**

$$\begin{array}{r} 123375 \\ \hline 125 \end{array}$$

$$984 + 3 = 987$$

$\div$ by 50

50 का Special Division

$$\frac{43}{50} \times \frac{2}{2} = .86$$

$$\frac{123}{50} = 2.46$$

$$\frac{313}{50} = 6.26$$

$$\frac{39}{50} = .78$$

50 का Special Division

$$\begin{array}{r} 312 \\ \hline 50 \end{array}$$

6.24

50 का Special Division

$$\begin{array}{r} 3743 \\ \hline 50 \end{array}$$

$$74.86$$

$$\frac{1348}{50} = 26.96$$

99 फ़ीट Special Division

2digit 3digit 4digit

99 का Special Division (2 digits, 3 digits, 4 digits,)

$$\frac{27}{99} = 0.272727 \dots = 0.\overline{27}$$

99 का Special Division (2 digits, 3 digits, 4 digits,)

$$\frac{43}{99} = 0.\overline{43}$$

99 का Special Division (2 digits, 3 digits, 4 digits,)

$$\frac{312}{99} = 3.\overline{(3+12)} = 3.\overline{15}$$

99 का Special Division (2 digits, 3 digits, 4 digits,)

$$\frac{867}{99} = 8.\overline{(8+67)} = 8.\overline{75}$$

99 का Special Division (2 digits, 3 digits, 4 digits,)

$$\frac{\underline{1237}}{99} = 12.\overline{(12+37)} = 12.\overline{49}$$

99 का Special Division (2 digits, 3 digits, 4 digits,)

$$\frac{3749}{99} = 37. \overline{(37+49)} = 37. \overline{86}$$

99 का Special Division (2 digits, 3 digits, 4 digits,)

$$\frac{5674}{99} = \overline{56} \cdot (\overline{56+74}) = \overline{57.30}$$

51

50

99