

Calculation का महत्त्व

New Chapter: Decimal

TYPE-4

$$8.3 \times 0.04 = ?$$

(a) 3.32

(c) 3.23

~~(b) 0.332~~

(d) 0.323

$$88 \times 6 = 528$$
$$\overbrace{8.8 \times 6} = 52.8$$

$$8.8 \times 0.6 = ?$$

(a) 5.08

(b) 5.28

(c) 4.28

(d) 7.08

$$0.23 \times 0.4 = ?$$

(a) 0.029

(b) 0.92

(c) 9.2

(d) 0.092

$0.7 \times 0.62 = ?$

(a) 4.34

(c) 34.3

 **(b) 0.434**

(d) 0.344

$$0.4 \times 9.6 = ?$$

(a) 4.84

(b) 3.04

 (c) 3.84

(d) 4.08

$$0.4 \times 0.49 = ?$$

(a) 2.96

(b) 2.46

(c) 1.96

 **(d) 0.196**

$$4.6 \times 0.4 = ?$$

(a) 12.8

(c) 2.84

**(b) 1.84**

(d) 18.4

$$0.8 \times 0.97 = ?$$

(a) 3.77

(c) 7.76

 **(b) 0.776**

(d) 77.6

$$10.2 \times 0.5 = ?$$

(a) 4.1

(b) 51

 **(c) 5.1**

(d) 0.51

$$0.8 \times 16.6 = ?$$

☒ (a) 13.28

(b) 12.86

(c) 14.28

(d) 15.48

$$0.9 \times 0.91 = ?$$

(a) 81.9

(c) 9.08

 **(b) 0.819**

(d) 4.08

$$1.4 \times 0.05 = ?$$

(a) 70

(c) 7

 (b) 0.07

(d) 0.7

$$0.8 \times 5.4 = ?$$

(a) 32.4

(c) 5.02

 **(b) 4.32**

(d) 5

$$0.3 \times 0.83 = ?$$

 **(a) 0.249**

(b) 2.49

(c) 9.05

(d) 6.8

$$0.5 \times 15.6 = ?$$

(a) 31

(c) 4.8

 **(b) 7.8**

(d) 21

$$0.6 \times 4.6 = ?$$

(a) 4

(c) 4.76

(b) 2.76

(d) 5.98

$$3.1 \times 0.7 = ?$$

(a) 5.73

(c) 4.32

 **(b) 2.17**

(d) 6.52

TYPE-5


$$20 \times 9.50 = ?$$

~~(a) 190~~

(c) 192

(b) 180

(d) 170

$$7 \times 3.50 = ?$$

 **(a) 24.5**

(b) 24

(c) 23.5

(d) 25

$$13 \times 20.50 = ?$$

 (a) 266.5

(c) 438

(b) 268

(d) 248.5

$$8 \times 14.50 = ?$$

(a) 126

(c) 115

 **(b) 116**

(d) 120


$$33 \times 20.50 = ?$$

(a) 760

(b) 656.5

(c) 672

 **(d) 676.5**

$$90 \times 12.50 = ?$$

(a) 1025

(c) 1235

 **(b) 1125**

(d) 1245

$$5 \times 36.50 = ?$$

(a) 180

(c) 180.5

~~(b) 182.5~~

(d) 190

$$12 \times 24.50 = ?$$

(a) 290

(b) 293

 (c) 294

(d) 294.5

$$16 \times 12.50 = ?$$

(a) 20

(b) 400

(c) 40

~~(d) 200~~

$$96 \times 2.50 = ?$$

☒ (a) 240

(b) 24

(c) 48

(d) 200


$$46 \times 11.50 = ?$$

(a) 540

(b) 549

 **(c) 529**

(d) 521

$$72 \times 2.50 = ?$$

(a) 240

(b) 360

 **(c) 180**

(d) 18

$$98 \times 1.50 = ?$$

☒ (a) 147

(c) 427

(b) 140

(d) 149

$$70 \times 11.50 = ?$$

 (a) 805

(b) 809

(c) 803

(d) 808

$$88 \times 4.50 = ?$$

(a) 336

(b) 376

 **(c) 396**

(d) 386

$$13 \times 12.50 = ?$$

(a) 345

(b) 156

(c) 160.5

(d) 162.5



$$26 \times 4.50 = ?$$

 (a) 117

(b) 118

(c) 327

(d) 119

$$7 \times 24.50 = ?$$

(a) 94

(b) 162.5

~~(c) 171.5~~

(d) 175

$13 \times 12.50 = ?$

(a) 175

(b) 162.5

(c) 182.5

(d) 165

$$20 \times 15.50 = ?$$

(a) 312

(b) 330

(c) 320

~~(d) 310~~

Type 6

0.50

$\times \frac{1}{2}$

0.25

$\times \frac{1}{4}$

0.125

$\times \frac{1}{8}$

TYPE-6


$$\underline{12} \times \underline{6.125} = ?$$

(a) 75.5

(b) 77.5

(c) 76

✓ ~~(d) 73.5~~


$$96 \times 4.125 = ?$$

(a) 394

(b) 399

 **(c) 396**

(d) 398

$$12 \times 8.125 = ?$$

(a) 98

~~(b) 97.5~~

(c) 56.5

(d) 59

$$28 \times 7.25 = ?$$

(a) 207

(b) 305

(c) 205

 **(d) 203**

$$15 \times 6.50 = ?$$

 **(a) 97.5**

(c) 95.5

(b) 94

(d) 92.25

$$8 \times 14.25 = ?$$

☒ (a) 114

(b) 118

(c) 115

(d) 116

$$32 \times 7.125 = ?$$

(a) 282

(b) 224

 **(c) 228**

(d) 227

$$13 \times 3.25 = ?$$

☒ (a) 42.25

☐ (c) 44.5

☐ (b) 43.25

☐ (d) 45

$$\begin{array}{l} 13 \times 3 + \frac{13}{4} \\ \downarrow \\ 39 + 3 + \left(\frac{1}{4}\right) \\ 42.25 \end{array}$$

$$72 \times 8.125 = ?$$

(a) 536

(b) 595

 (c) 585

(d) 587

$$24 \times 6.25 = ?$$

(a) 155

(b) 145

 **(c) 150**

(d) 165

$$48 \times 8.25 = ?$$

☒ (a) 396

(b) 346

(c) 386

(d) 336

$$84 \times 9.25 = ?$$

(a) 779

(b) 771

(c) 770

(d) 777




$$40 \times 13.25 = ?$$

(a) 565

(b) 535

~~(c) 530~~

(d) 545

$$64 \times 9.125 = ?$$

(a) 587

(b) 658

(c) 583

 (d) 584

$$64 \times 9.125$$

$$88 \times 4.25 = ?$$

(a) 326

(c) 393

☒ (b) 374

(d) 366

$$88 \times 4.25$$


$$72 \times 10.125 = ?$$

 (a) 729

(b) 762

(c) 769

(d) 723

$$72 \times 10.125$$


$$4 \times 8.125 = ?$$

(a) 33

(c) 33.5



(b) 32.5

(d) 35

$$40 \times 7.25 = ?$$

(a) 288

(c) 298

(b) 238

☒ (d) 290

$$40 \times 7.25$$

$$100 \times 9.125 = ?$$

~~(a)~~ 912.5

(b) 980

(c) 643

(d) 256

$$64 \times 4.125 = ?$$

(a) 245

(b) 266

☒ (c) 264

(d) 265

$$64 \times 4.125$$

$$7 \times 4.25 = ?$$

~~(a) 29.75~~

(c) 28

(b) 34.5

(d) 27.95

29.75

Advance Calculation

Chapter-5

Special Addition

Special Addition (स्पेशल जोड़)

- पहले 10, 100, 1000, 10000 संख्या का योग Superfast तकनीक से

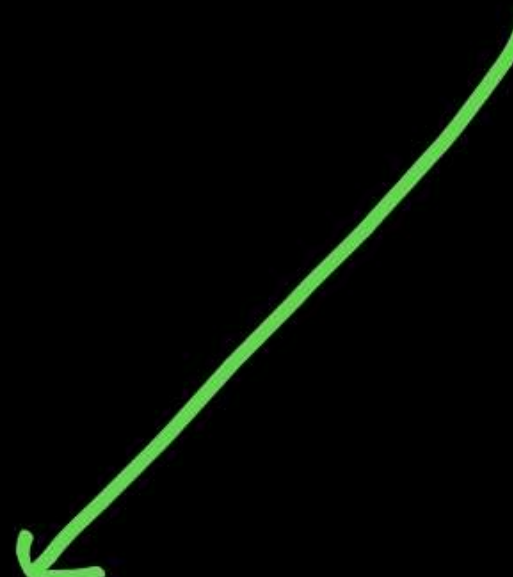
$$1 + 2 + 3 + \dots + 10 = ?$$

$\frac{n}{2} = 5$

- पहले 10, 100, 1000, 10000 संख्या का योग Superfast तकनीक से
-

$$1 + 2 + 3 + \dots + 100 = ?$$

5050



- पहले 10, 100, 1000, 10000 संख्या का योग Superfast तकनीक से
-

$$1 + 2 + 3 + \dots + 10000 = ?$$

$$\underline{50005000}$$

- सीधा फिर उल्टा Addition

$$1 + 2 + 1 = ?$$


$$2^2 = 4$$

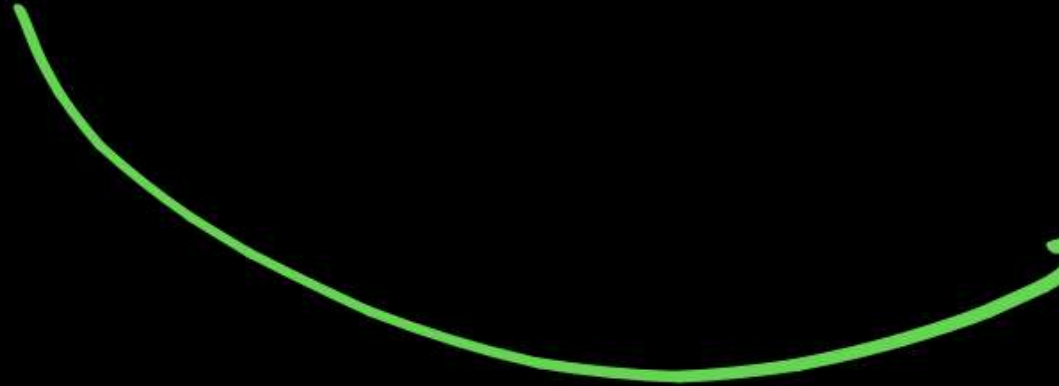
- सीधा फिर उल्टा Addition

$$1 + 2 + 3 + 4 + 3 + 2 + 1 = ?$$


$$\rightarrow 4^2 = 16$$

- **सीधा फिर उल्टा Addition**

$$1 + 2 + 3 + 4 + \dots + 500 + 499 + \dots + 1 = ?$$


$$\rightarrow (500)^2 = 250000$$

- **Counting 1 Addition Rule**

$$1 + 11 + 111 = ?$$

123

- **Counting 1 Addition Rule**

$$1 + 11 + 111 + 1111 + 11111 = ?$$

12345

- **Counting 1 Addition Rule**

$$2 + 22 + 222 + 2222 = ?$$

$$2(1 + 11 + 111 + 1111)$$

$$2 \times 1234$$

$$2468$$

- **Counting 1 Addition Rule**

$$4 + 44 + 444 + 4444 = ?$$

$$4(1+11+111+1111)$$

$$4(1234)$$

$$4936$$

- **Reverse Counting Rule**

$$0.1 + 0.11 + 0.111 = ?$$

.321

- **Reverse Counting Rule**

$$0.3 + 0.33 + 0.333 + 0.3333 = ?$$

$$3(0.1 + 0.11 + 0.111 + 0.1111)$$

$$3(0.4321)$$

1.2963 Ans

- **Reverse Counting Rule**

$$0.5 + 0.55 + 0.555 + 0.5555 = ?$$

$$5(0.1 + 0.11 + 0.111 + 0.1111)$$

$$5(0.4321)$$

2.1605 Ans

- 9 Special Rule

$$9 + 99 + \underline{999} = ?$$

max $\rightarrow$ 3 बार
1
2 बार

$$9 \times 3 = 27$$

1107 Ans

- **9 Special Rule**


$$9 + 99 + 999 + 9999 + 99999 = ?$$

111105 Ans

- 5 क्रमागत संख्या का Addition सबसे तेज Method से
-

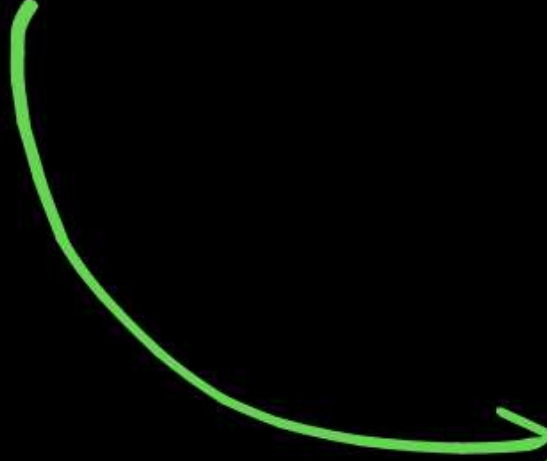
$$18 - \cancel{2} + 18 - \cancel{1} + 18 + 18 + \cancel{1} + 18 + \cancel{2}$$

$$16 + 17 + 18 + 19 + 20 = ?$$

$$18 \times 5 = 90$$

- 5 क्रमागत संख्या का Addition सबसे तेज Method से
-

$$322 + 323 + 324 + 325 + 326 = ?$$


$$\rightarrow 324 \times 5$$
$$1620$$

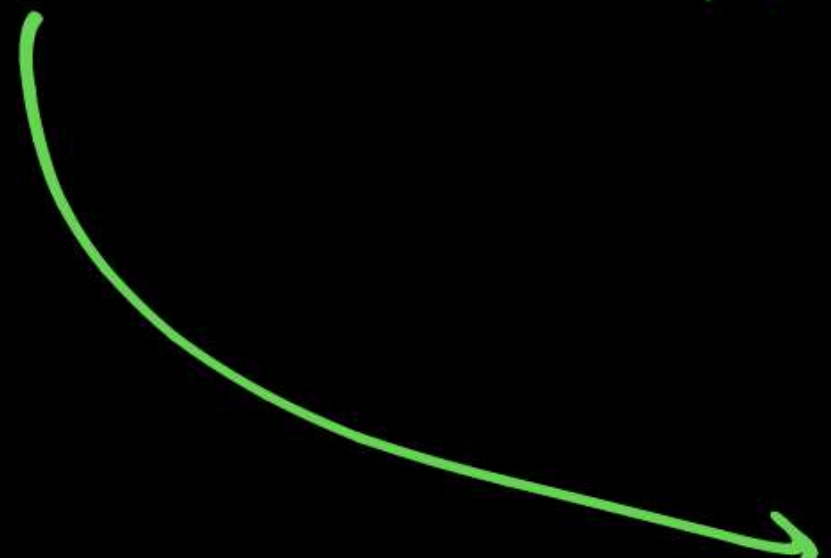
- 10 क्रमागत संख्या (Consecutive No.) का Addition चुटकियों में

$$552 + 553 + 555 + 556 + 557 + 558 + 559 + 560 + 561 = ?$$

→ 5565 ✓

$$\begin{array}{r} \text{पहली} \\ + 4 \\ \hline \text{Ans 5} \end{array} \checkmark$$

$$442 + 443 + 444 + 445 + 446 + 447 + 448 + 449 + 450 + 451$$


$$\rightarrow 4465$$

- $xy + yx$ का कमाल

$$43 + 34 = ?$$

$$11 \times 7 = 77$$

$$\text{Sum} = 11(\text{Sum of digits})$$

$$\begin{array}{r} 10x + y \\ + 10y + x \\ \hline 11x + 11y \end{array}$$

$$\text{Sum} = 11(x + y)$$

- $xy + yx$ का कमाल
-

$$\underline{67} + \underline{76} = ?$$

143

- $xy + yx$ का कमाल

$$56 + 43 + 73 + 34 + 65 + 37 = ?$$

$$11 \times (11 + 7 + 10)$$

$$11 \times 28$$

$$308$$

- $xy + yx$ का कमाल

$$\checkmark 64 + \checkmark 28 + \checkmark 54 + \checkmark 13 + \checkmark 27 + 82 + 72 + 45 + 46 + 31 = ?$$

11(42)
462 Ans