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Ex-5(A)

1 Add

(a)

	TL	L	T-Th	Th	H	T	O
	①			①	①	①	
	8	1	4	3	2	1	1
+		9	4	2	8	7	4
	4	5	1	1	3	7	7
	1,	3	5,	9	7,	4	7

(b)

	TL	L	T-Th	Th	H	T	O
	①	①	①	②	①	①	①
	2	2	4	7	5	6	1
+	6	6	0	4	8	4	7
	7	5	1	6	2	5	0
	9,	6	0,	4	0,	3	4

(c)

	TL	L	T-Th	Th	H	T	O
			②	②	①	①	
			7	5	6	5	7
	①	②					
+	3	8	9	7	6	2	5
		9	4	5	8	4	5
			2	4	0	0	0
	4	9,	7	3,	1	2	7

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(d)

TC	C	TL	L	T-Th	Th	H	T	O
1	7	4	0	7	5	6	1	4
+ 2	5	7	2	3	3	1	1	7
7	3	6	2	5	4	9	9	2
1	1	8	7	5	6	3	7	2

(e)

TC	C	TL	L	T-Th	Th	H	T	O
2	5	0	0	1	8	1	2	5
+ 1	8	8	3	2	4	2	8	9
	8	1	9	2	8	3	3	3
5	2	0	2	7	0	7	4	7

(f)

TC	C	TL	L	T-Th	Th	H	T	O
	0	2	8	1	8	4	1	1
+	7	7	8	1	8	5	7	8
2	0	0	8	3	7	8	0	0
2	8	1	4	7	4	9	5	

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2.(a)

	TL	L	T-Th	Th	H	T	O
	2	8	1	8	4	1	7
+	4	3	3	5	3	1	8
	1	6	1	4	4	0	8
	8	7	6	8	1	9	3

(b)

	TL	L	T-Th	Th	H	T	O
	6	8	2	1	7	5	
+		3	0	4	2	2	5
	2	1	3	0	8	4	2
	2	5	0	3	4	2	4

(c)

	TC	C	TL	L	T-Th	Th	H	T	O
	6	6	2	4	7	0	2	4	2
+		7	7	8	1	8	4	7	8
	1	6	1	1	2	7	3	4	5
	9	0	1	4	1	6	0	6	5

(d)

	TC	C	TL	L	T-Th	Th	H	T	O
	7	5	9	2	4	8	7	0	5
+	2	0	0	8	3	7	8	0	0
	9	6	0	0	8	6	5	0	5

(e)

	TC	C	TL	L	T-Th	Th	H	T	O
	9	8	1	6	0	0	9	0	0
+			7	5	0	0	0	0	0
		8	0	0	0	0	0	0	0
+					6	5	7	0	0
	5	6	4	1	0	6	6	0	0

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(a)

	TC	C	TL	L	TTh	Th	H	T	O
	1	4	5	8	7	5	2	1	5
+	2	1	1	6	3	8	4	7	0
	3	8	6	6	1	5	5	7	5
	7	4,	4	1,	2	9,	2	6	0

No. name = seventy four crores forty one lakhs twenty nine thousand two hundred sixty

(b)

	TL	L	TTh	Th	H	T	O
	2	5	7	5	8	1	8
+	3	6	4	7	5	2	8 5
	4	0	0	0	0	0	0 0
	7,	9	0,	5	1,	1	0 3

(c)

	TL	L	TTh	Th	H	T	O
	5	5	0	0	0	0	0 0
+		6	0	0	0	0	0 0
				7	5	0	0 0
					9	0	0 0
	6,	1	0,	8	4,	0	0 0

No. name = six crore ten lakh eighty four thousand

(d)

	TL	L	TTh	Th	H	T	O
			2	8	6	7	0
+	0	4	9	5	6	4	8 6
	6	6	6	6	6	6	6 6
	7,	1 6,		5	7,	8	2 2

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No. name

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No. name 2 seven crore sixteen lakh fifty one thousand eight hundred twenty two

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3,72,65,432 and 68,56,385 to get 5,50,00,0

Ans Sum of of 3,72,65,432 and 68,56,385

```
3 7 2 6 5 4 3 2
+ 6 8 5 6 3 8 5
4,4 1,2 1,8 1 7
```

No. to be added with the sum to get 5,50,00,000 is

```
5 5 0 0 0 0 0 0 0
- 4 4 1 2 1 8 1 7
1,0 8,7 8,1 8 3
```

Ans 1,08,78,183.

12. b. 2,25,16,400 - 3,44,50,675 + 6,00,60,500 - 3,18,21,791

= 2,25,16,400 + 6,00,60,500 - 3,44,50,675 - 3,18,21,791

```
  2 2 5 1 6 4 0 0
+ 6 0 0 6 0 5 0 0
= 8 2 5 7 6 9 0 0
- 3 4 4 5 0 6 7 5
= 4 8 1 2 5 2 2 5
- 3 1 8 2 1 7 9 1
= 1,6 3,0 4,4 3 4
```

Ans 1,63,04,434

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2.075.082

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13. Population of males in a city = 6 32 41 682

Population of females in a city = 5 93 24 118

Population of children in a city = 1 82345

Total population of the city = 12 27 48 145

Hence, the total population of the city is 12,27,48,145.

14. cost of the ~~first~~ three properties = 3 84 56 721
+ 4 53 24 567
5 78 34 532

Total cost of three properties = 14 16 15 820

So, The total cost of three properties is 14,16,15,820.

15) Amount of money the government has alloted the social welfare themes of ~~B~~ backward districts = 3 94 32 148
+ 5 78 91 234
7 83 45 138

Total money alloted = 18 46 68 520

Therefore, Total amount of money alloted is ~~₹~~ 18,46,68,520

16) Amount of money spent by Aman ~~Raj and kavita~~ = 3 25 4 786
Amount of money spent by Raj + 5 78 91 234
Amount of money spent by kavita 7 83 24 132
Total amount of money spent = 16 87 62 152

So, the total amount of money spent is 16,87,62,152

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(17) Income tax collected by 1st firms in a year = 3 24 56 783
Income tax collected by 2nd firm in a year = 8 32 45 132
Income tax collected by 3rd firm in a year = 2 13 23 485
Income tax collected by 4th firm in a year = 1 03 24 567
Total amount of money collected by all firms = 4, 73, 49, 967

So, the total amount of Money collected = ₹4, 73, 49, 967

(18) No. of people visited a restaurant in 2015 = 8 3 78 5 89

decrease in the no. of people in 2016 = - 8 46 324
No. of people who have visited the restaurant in 2016 = 5, 32, 195

So, 75, 32, 195 people visited the restaurant in 2016

(19) sales proceeds of a company in a first year = 29 35 486

Sales proceeds in the next year = 10 25 873

sales proceeds in the 3rd year = 11 66 074
Total sales proceed in the 3 years = 3 1, 7 7, 4 3 3
Hence, the total sales proceed in the 3 years is ₹3 1, 2 7, 4 3 3

(20) 89 452
- 67 842
21 610

Hence the other number is 21,610

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10.05.2021

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22. Subtract the greatest 8-digit from the smallest

~~Greatest 8 digit number~~

	C	TL	L	Th
Smallest 9-digit number =	9	9	9	9

Greatest 8-digit number =

Smallest 9-digit number =

	TC	C	TL	L	H	T	O
	1	0	0	0	0	0	0
	−	9	9	9	9	9	9
Ans =		0	0	0	0	0	1

Key word – Subtract

23. Money Rosly had with her =

	TC	C	TL	L	TTh	Th	H	T	O
	5	4	0	0	0	0	0	0	0

Money she spent on a car = ~~Rs 50~~ 0

			1	2	5	0	9	9	0

Money left with her =

	5	3	8	7	4	9	0	1	0

~~24.~~ Key word – left

Hence, she has 53,87,49,010 Rs. left with her

24. Population a town now =

	TL	L	TTh	Th	H	T	O
	4	8	4	8	0	0	0

Population 5 years ago = 4 1 3 7 1 0 8

Increase in the population =

	1	9	1	1	8	8	3

keyword = least

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So, the increase in population during the last five years is 19,11,883

25. Population of the women: T Th H T O
1 2 5 3 8 7

Population of the children: 4 a 5 3 8 4.
Total population: 2,2 0,7 7 1
Total population of the town: L Th H T O
3 4 8 3 4 1

Total population of women and children: 2 2 0 7 7 1
Population of the men: 1,2 7,5 4 0.

Therefore the population of the men is 1,27,540.

Fri 28.08.2021

2. (a) TL L Th H T O

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2. No of students appeared in the board exam = 3

No. of students passed = 3,19,784
No. of students failed = 05,50,531

Hence, the no. of students failed is 5,50,531.

2. Income of a farmer selling rice and wheat =

Income of a farmer by selling wheat = 1,63,468

So, The income of the farmer by selling rice is 1,63,468.

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Ex-5 B

1. (a) 12 × 11 = 132

(b) 14 × 12 = 168

(c) 15 × 13 = 195

(d) 16 × 12 = 192

(e) 16 × 16 = 256

(f) 15 × 15 = 225

(g) 13 × 13 = 169

(h) 25 × 1000 = 25,000

(i) 34 × 1000 = 34,000

2. (a)
$$\begin{array}{r} 3776 \\ \times\ 15 \\ \hline 18880 \\ +\ 3776\times \\ \hline 56,640 \end{array}$$

(b)
$$\begin{array}{r} 1746 \\ \times\ 43 \\ \hline 52392 \\ +\ 69856\times \\ \hline 75,048 \end{array}$$

(c)
$$\begin{array}{r} 2154 \\ \times\ 124 \\ \hline 8616 \\ +\ 4308\times \\ 2154\times\times \\ \hline 267,096 \end{array}$$

(d)
$$\begin{array}{r} 5383 \\ \times\ 332 \\ \hline 10766 \\ +\ 16149\times \\ 16149\times\times \\ \hline 1,787,356 \end{array}$$

(e)
$$\begin{array}{r} 624 \\ \times\ 762 \\ \hline 1248 \\ +\ 3744\times \\ 44268\times\times \\ \hline 475,488 \end{array}$$

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Q - no. 5

Lakh	Thousand	Hundred	Ones
4	0	0	0
2	7 1	6	4 2 6
1	2, 8	3,	5 7 4

So, the difference is 12,83,574

Q. no = 6

(i) 4 2 6 1 6
X 3 5
21 3 0 8 0
2 7 9 8 4 8 X
1,3 0 1 1,5 6 0

(ii) 3 3 4 8 1 0
X 2 1
3 3 4 8 1 0
6 6 9 9 2 0 X
7 0,3 4,0 1 0

(a) 1 8 7 1 4
X 1 7 6
1 1 2 2 8 4
+ 1 3 0 9 9 8 X
1 8 7 1 4 X X
3 2,9 3 6 4

(b) 8 8 6 0 0
X 3 2 3
2 6 5 8 0 0
+ 1 7 7 2 0 0 X
2 6 5 8 0 6 X X
2,8 6,1 7,8 0 0

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8. WORD PROBLEMS

3. No. of mobile phones a shopkeeper sold = 265

Cost of each mobile phone = ₹5,675

total money he collected through the sale =

₹15,675 × 265

```
  1 5 6 7 5
    × 2 6 5
  ---------
  7 8 3 7 5
1 5 6 7 5 x
3 1 3 5 0 x x
---------------
3 3,7 0,1 2 5
```

Hence, total money he collected is ₹ 33, 70, 125

4. length of the playground = 1,325 m

Breadth of the playground = 275 m

area of the playground = length × Breadth

= 1325 × 275

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1325
×275
6625
+9275×
2650××
364,375

So the area of the playground = 364,375 sq.m

5. capacity of a water tank = 15,680 litres

quantity of water in 125 such water tanks.

15,680 × 125
15680
×125
78400
+31360×
1568××
1,960,000

Therefore, 1,960,000 Litres are in 125 such water tanks

6. no. of students in a public school = 3127

Rs. each student pays for the school excursion

= ₹8050

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Q-no.11. How much should be added to the sum of 3,73,65,432 and 68,56,385

Amount of money collected by the school

for the excursion = 3127 × 850

```
  2 3
  0 1 2
  3 1 2 7
  × 8 5 0
  0 0 0 0
+ 1 5 6 3 5 ×
2 5 0 1 6 × ×
2 6 5 7 9 5 0
```

Hence, ₹ 26,57,950/- were collected By the school for the excursion.

7. no. of employees a reputed computer firm has = 2,37,118

Amount of Money the company pays to each employee as new year bonus = ₹ 750

Amount of money spent the company per year

= 2,37,118 × 750

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$$
\begin{array}{r}
2\ 3\ 7\ 1\ 1\ 8 \\
\times\quad\quad 7\ 5\ 0 \\
\hline
0\ 0\ 0\ 0\ 0\ 0 \\
1\ 1\ 8\ 5\ 9\ 0\ \times \\
+\ 1\ 7\ 0\ 5\ 2\ 6\ \times\ \times \\
\hline
1\ 8,2\ 4,4\ 8,5\ 0\ 0
\end{array}
$$

So, the company spends ₹18,24,48,500 per year.

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c) 75,614 + 23,18,493 − 18,80,000 * 9474

```
  1  1  1
  7  5  6  1  4
  1  8  4  9  3
  9  4  1  0  7
  8  0  0  0  0
  5  x  x  x  7
        9  4  7  4
-----------------
  5, 0  6, 6  3  3
```

Ans - 5,06,633

d. 686 + 74,400 − 40,000 + 48,00,000

= 686 + 74,400 + 48,00,000 − 40,000

```
     1
     6  8  6
  7  4  4  0  0
  4  8  0  0  0  0
  4  8, 7  5  0  8  6
-    4  0  0  0  0
-----------------------
  4  8, 7  5  0  8  6
```

Ans → 8,75,086

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Wed 21.06.2021

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8

Ex-3(C)

No.	By 100 Q	By 100 R	By 1000 Q	By 1000 R	By 10000 Q	By 10000 R
1. a) 85,400	854	00	85	400	8	5400
b) 8,21,600	8216	00	821	600	82	1600
c) 9,74,800	9748	00	974	800	97	4800
d) 96,000	960	00	96	000	9	6,000
e) 4,85,000	4860	00	486	000	48	5,000
f) 7,70,000	7,700	00	770	000	77	000
g) 33,60,000	33,600	00	3360	000	336	0000
h) 98,76,450	98768	50	9876	450	987	6450

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Ex - 5(c)

(a) 62,643 − 56

```
    1118
56 | 62643
   -56↓
   ------
    066
    -56↓
   ------
     104
     -56↓
   ------
     483
    -448
   ------
      035
```

56 × 8 = 448

Checking = 56 × 1118 + 35 = 62,643

(b) 47 | 34616

```
    7289
47 | 34616
   -329↓
   ------
     0261
     -94↓
   ------
     0321
    -282↓
   ------
      0396
     -376↓
   ------
      0206
     -188
   ------
      018
```

Checking = 7289 × 47 + 18 = 34,2,616

(c)

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(c) 63 | 5177365 | 82180

- 504
- 0137
- 126
- 0073
- 63
- 506
- 504
- 0025
- 0
- 25

Check = 82180 × 63 + 25 = 5177365

(d) 75 | 4810348 | 64137

- 450
- 0310
- 300
- 0103
- 75
- 284
- 225
- 0598
- 525
- 073

Checking = 64137 × 75 + 73

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(e) 483 | 5[illegible]93 | 107

-483 ↓

0339

- 0

3394

- 0↓

33493

-3381

0012

Checking = 103 × 483 + 12 = 51693

(f) 583 | [illegible]5 | 116

-583↓

0[illegible]78

-583↓

3[illegible]

-3498

0457

Checking = 583 × 116 + 457 = 68085

(g) 725 | 6635[illegible]178 | 9151

-6525↓

0[illegible]+

-725↓

3767

-3625

0[illegible]2[illegible]8

-725

0703

Checking = 9151 × 725 + 703 = 6635178

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(b) 603 | 5097383 | 8320

-4824

01933

-1809

01248

-1206

00423

-0

423

Checking = 8320 × 603 + 423

= 5097383

(i) 264 | 3718740 | 14087

-264

0978

-792

1860

-1848

00494

-264

2300

-2112

01888

-1848

0040

Checking = 14087 × 264 +

40 = 3718740

Ex-5(C)7

3. The product of two numbers = 3,14,98,

One of the numbers = 6491

other number =

```
        4845
6491 | 31448995
     - 25964
       05484
       - 5 1928
         02556
         - 25964
           03245 5
           - 32455
             00000
```

Thus, the other number is 4845.

(4) No. of books in a library = 56,700

No. of books in each shelf = 105

The number of shelves in a library

```
        540
105 | 56700
     - 525
       0420
       - 420
         0000
```

Thus, ~~each shelve in the library~~ library has

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105 shelves.

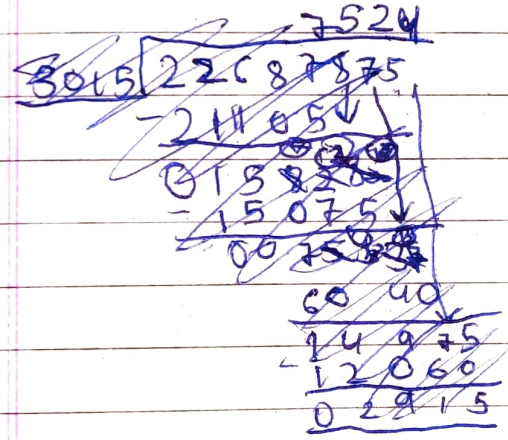
23-06-2021

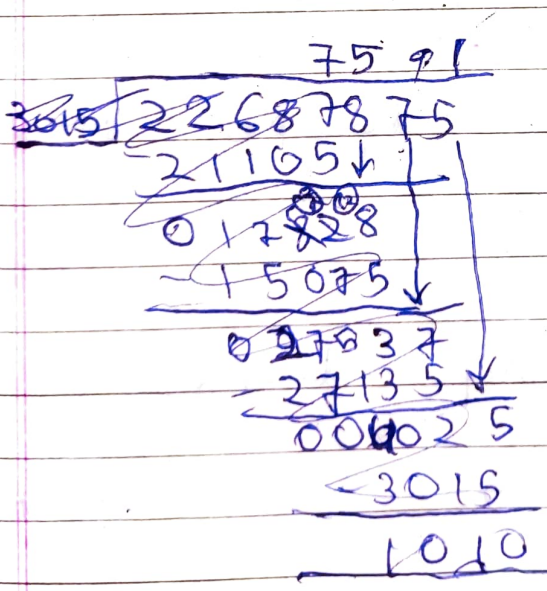
5. Amount of rupees a state government has distributed among 3,015 farmers

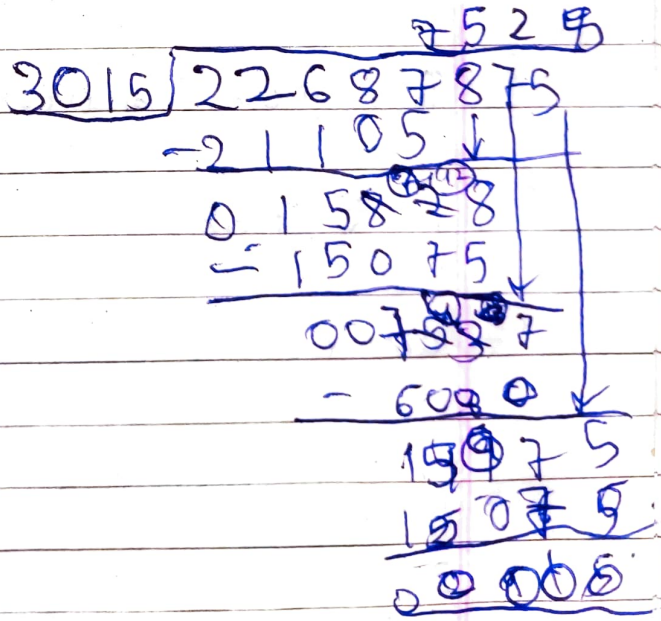
= ₹ 2,26,87,875

Amount of money each farmer got

= 2,26,87,875 ÷ 3015 =







Thus, each farmer got 7525

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6. annual income of Mrs. Sharma by taking science tuitions of 63 students is ₹2,98,494

amount of fees charged by per student

₹2,98,494 ÷ 63

```
    4738
63 | 298494
   - 252↓
   ------
     0464
   -  441↓
   ------
     0234
   -  189↓
   ------
     0504
   -  504
   ------
        00
```

Thus, amount of fees charged by per student is ₹4738

7. ammount of schlarship distributed by the government to 255 university - student is ₹1,47,500

schlarship amount given to each student ₹1,47,500 ÷ 255

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7. 255 | 1147500 | 4500
-1020
0127 5
-1275
0000000

Thus, each student got ₹4500 as scholarship amount