

CALC
31.06.2021

FACE NO.

DATE

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No.	By 100		By 1000		By 10000	
	Q	R	Q	R	Q	R
1. a) 85,400	854	00	85	400	8	3400
b) 8,21,500	8215	00	821	5000	82	1500
(c) 9,7,4,800	9748	00	974	800	97	4800
d) 9,00,000	900	000	90	000	9	6,000
e) 4,80,000	4860	00	486	000	48	6,000
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	98764	50	9876	450	987	6450

Ex - 5(c)

$$25) 67,643 - 56$$

$$\begin{array}{r}
 \textcircled{9} \\
 56 \overline{) 67,643} \\
 \underline{-56 } \\
 066 \\
 \underline{-56 } \\
 104 \\
 \underline{-56 } \\
 483 \\
 \underline{-448 } \\
 035
 \end{array}$$

$$\begin{array}{r}
 \textcircled{9} \\
 56 \\
 \times 8 \\
 \hline
 448
 \end{array}$$

Checking = $56 \times 118 + 35 = 67,643$

~~Ex~~

$$\begin{array}{r}
 \textcircled{9} \\
 \textcircled{9} \\
 (b) 47 \overline{) 342,616} \\
 \underline{-329 } \\
 0136 \\
 \underline{-94 } \\
 0427 \\
 \underline{-376 } \\
 0456 \\
 \underline{-423} \\
 033
 \end{array}$$

Checking = $728 \times 47 + 33 = 34,2616$

(c) ~~Ex~~

82180

$$\begin{array}{r}
 \textcircled{c} \quad 63 \overline{) 5177365} \\
 \underline{-504 \downarrow} \\
 0137 \\
 \underline{-126} \\
 0773 \\
 \underline{-63 \downarrow} \\
 506 \\
 \underline{-504 \downarrow} \\
 0025 \\
 \underline{-0} \\
 \underline{\quad} \\
 25
 \end{array}$$

$$\text{Check} = 82180 \times 63 + 25 = 5177365$$

$$\begin{array}{r}
 \textcircled{d} \quad 75 \overline{) 4810348} \\
 \underline{-450 \downarrow} \\
 0310 \\
 \underline{-300 \downarrow} \\
 0703 \\
 \underline{-75 \downarrow} \\
 227 \\
 \underline{-225 \downarrow} \\
 0598 \\
 \underline{-525} \\
 \underline{\quad} \\
 073
 \end{array}$$

$$\text{Checking} = 764137 \times 75 + 73$$

$$\begin{array}{r}
 \text{(e)} \quad 483 \overline{) 51693} \\
 \underline{-483} \\
 0339 \\
 \\
 \underline{-} \\
 339 \\
 \\
 \underline{-} \\
 3393 \\
 \underline{-3381} \\
 \underline{0012}
 \end{array}$$

$$\text{Checking} = 103 \times 483 + 12 = 51693$$

$$\begin{array}{r}
 \text{(f)} \quad 583 \overline{) 68085} \\
 \underline{-583} \\
 0978 \\
 \\
 \underline{-583} \\
 3958 \\
 \\
 \underline{-3498} \\
 \underline{0457}
 \end{array}$$

$$\text{Checking} = 583 \times 116 + 957 = 68085$$

$$\begin{array}{r}
 \text{(g)} \quad 725 \overline{) 915178} \\
 \underline{-6525} \\
 06298 \\
 \\
 \underline{-725} \\
 3767 \\
 \\
 \underline{-3625} \\
 01428 \\
 \\
 \underline{-725} \\
 \underline{0703}
 \end{array}$$

$$\text{Checking} = 9151 \times 725 +$$

$$703 = 66,35,178$$

$$(b) \begin{array}{r} 8320 \\ 603 \overline{) 5017383} \end{array}$$

$$\begin{array}{r} -4824 \downarrow \\ \hline \end{array}$$

$$\begin{array}{r} 01933 \\ \hline \end{array}$$

$$\begin{array}{r} -1809 \downarrow \\ \hline \end{array}$$

$$\begin{array}{r} 01248 \\ \hline \end{array}$$

$$\begin{array}{r} -1206 \downarrow \\ \hline \end{array}$$

$$\begin{array}{r} 00423 \\ \hline \end{array}$$

$$\begin{array}{r} -0 \\ \hline \end{array}$$

$$\begin{array}{r} 423 \\ \hline \end{array}$$

$$\text{Checking} = 8320 \times 603 + 423$$

$$= 5017383$$

$$(i) \begin{array}{r} 1371887 \\ 264 \overline{) 36217408} \end{array}$$

$$\begin{array}{r} -264 \downarrow \\ \hline \end{array}$$

$$\begin{array}{r} 0987 \\ \hline \end{array}$$

$$\begin{array}{r} -792 \downarrow \\ \hline \end{array}$$

$$\begin{array}{r} 1897 \\ \hline \end{array}$$

$$\begin{array}{r} -1848 \downarrow \\ \hline \end{array}$$

$$\begin{array}{r} 00494 \\ \hline \end{array}$$

$$\begin{array}{r} -264 \downarrow \\ \hline \end{array}$$

$$\begin{array}{r} 2200 \\ \hline \end{array}$$

$$\begin{array}{r} -2112 \downarrow \\ \hline \end{array}$$

$$\begin{array}{r} 01888 \\ \hline \end{array}$$

$$\begin{array}{r} -1848 \downarrow \\ \hline \end{array}$$

$$\begin{array}{r} 0040 \\ \hline \end{array}$$

$$\text{Checking} = 1371887 \times 264 +$$

$$40 = 36217408$$

Ex-5(C7)

3. The product of two numbers = 3,14,9895

One of the numbers = 6491

other number =

$$\begin{array}{r} \cancel{4895} \\ 6491 \overline{) 3149895} \\ \underline{-26964} \\ 050348 \\ \underline{-51428} \\ 029200 \\ \underline{-25964} \\ 032455 \\ \underline{-32955} \\ \hline 00000 \end{array}$$

Thus ~~the~~ the other number is 4895.

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

No. of books in each shelf = 105

The number of shelves in a library =

$$\begin{array}{r} 540 \\ 105 \overline{) 56700} \\ \underline{-525} \\ 0420 \\ \underline{-420} \\ 0000 \end{array}$$

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

109 shelves.

23-08-2021

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

= ₹ 2,26,87,875

Amount of money each farmer got

= $2,26,87,875 \div 3,015 =$

~~7524~~
~~3015 | 22687875~~
~~- 211050~~
~~015828~~
~~- 150750~~
~~007587~~
~~6040~~
~~- 12060~~
~~02915~~

7591
~~3015 | 22687875~~
~~- 211050~~
~~017828~~
~~- 150750~~
~~027078~~
~~- 271350~~
~~00025~~
~~< 3015~~
~~1010~~

7528
 3015 | 22687875
 - 211050
 015828
 - 150750
 007078
 - 6090
 15075
 15075
 00005

Thus, each farmer got ₹ 7525

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

amount of fees charged by per student

$$₹2,98,494 \div 63$$

		4738
63	298494	
	-952	↓
	0464	
	-441	↓
	0229	
	-189	↓
	0504	
	-504	
	000	

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

7. amount of scholarship distributed by the government to 255 university-students

$$₹1,47,500$$

scholarship amount given to each student

$$₹1,47,500 \div 255$$

$$\begin{array}{r} 255 \overline{) 1147500} \\ \underline{1020} \\ 01275 \\ \underline{1275} \\ \hline 000000 \end{array}$$

Thus, each student got ₹4500 as
scholarship amount