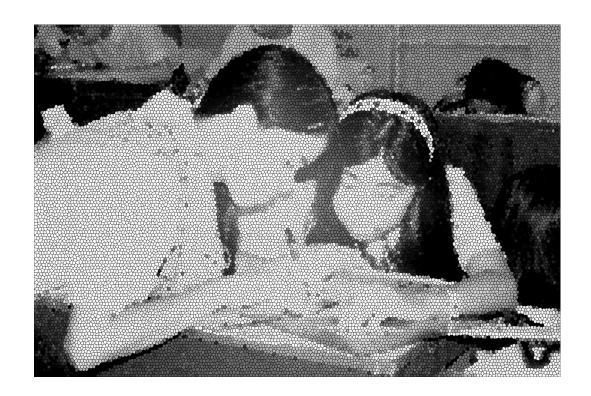
M A H E M A C S

Modified In-School Off-School Approach Modules (MISOSA)

Distance Education for Elementary Schools SELF-INSTRUCTIONAL MATERIALS



ADDITION OF NUMBERS THROUGH BILLIONS WITH REGROUPING



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ADDITION OF NUMBERS THROUGH BILLIONS WITH REGROUPING

Objective: Add 6-or more-digit numbers with 4-or more addends with regrouping with sums through billions.



Find the sum of the following.

1)	201 621	2)	116 320	3)	110 235
•	123 203	•	331 241	·	142 420
	142 142		2 241 227		234 232
	+ 101 032		+ 4 111 211		1 301 101
					+ 4 212 010

Check your answer using the answer key. If your score is 3 you may now proceed to this module. If you get 2 correct answers or below, review adding numbers with five addends.



Now, you will learn how to add numbers with 4-or more addends. It's not hard.

Below are the monthly sales of Me-anne's Drug Store.

Month	Sales
January	₽ 105,127
February	103,243
March	107,365
April	104,248
May	112,364

Which month has the least sales? February

Which month has the greatest sales? *May* What is the total sale for 5 months?





Let's solve it. Here's how:

Align the addends in column. Add first the digits in the ones place

The sum of the digits in ones place is 27, regroup 2 to the tens place.

2. Add the digits in the tens place together with the regrouped number.

Regroup 2 to the next place value.

3. Add the digits in the hundreds place with the regrouped number.

Regroup 1 to the thousands place.

4. Add the thousands with the regrouped number.

Regroup 2 to the ten thousands place.

5. Add the digits in the ten thousands place with the regrouped number.

6. Add the hundred thousands place.





The total sales for 5 months is ₱ 532,347.

Study these examples:



Let's see if you can add the following correctly.

1)	601 124	2)	723 480
·	713 365	•	431 643
	826 123		24 267 147
	634 478		+ 12 173 364
	<u>+ 225 214</u>		



In adding numbers with regrouping:

- align the digits in column.
- start adding the digits in the ones place.
- regroup to the next higher place value if the sum in a certain column is more than 9.







On Your Own

A. Find the sum.

1)	142 347	2)	243 263	3)	6 125 328	
·	246 102	•	32 144 421	,	7 210 545	
	101 263		16 123 261		379 004	
	+ 200 121		+ 42 132 103		534 263	
					+ 14 811 409	

B. Arrange the following in column then solve for the sum.

Check your answer with the answer key.

If you get 4 to 5 correct answers, you may now proceed to the next module.

If you get 3 correct answers, review the processes you missed.

If you get 2 correct answers or below, repeat the whole process.

