

SUBJECT-MATHS (2020-21)
TOPIC- ADDITION (WITH REGROUPING)

NAME: _____ CLASS IV: _____ DATE: 27.04.2020

ADDITION (With Regrouping)

Let's Understand the relation between various places of place value chart :

- 1 ten = 10 ones
 - 1 hundred = 10 tens
 - 1 thousand = 10 hundreds
- And so on.....

Which means if we carry 10 ones to tens place it goes as 1 ten to tens place. Same is true for all the consecutive places.

Let's understand Addition (with regrouping) with an example: 1,87,359 + 23,543



1	1		1	1	
L	Tth	TH	H	T	O
1	8	7	3	5	9
	2	3	5	4	3
2	1	0	9	0	2

Steps to Follow :

Step 1 → Arrange the numbers according to their place in columns.

Step 2 → Add Ones: $9+3=12$ Ones (1 ten + 2 ones → 1 ten to be carried over to the tens place)

Step 3 → Add Tens: $5+4+1=10$ tens (1 hundred + 0 tens → 1 hundred to be carried over to hundreds place)

Step 4 → Add Hundreds: $3+5+1=9$ hundreds

Step 5 → Add Thousands: $7+3=10$ thousands (1 ten thousand + 0 thousands → 1 ten thousand to be carried over to ten thousands Place)

Step 6 → Add Ten Thousands: $8+2+1=11$ ten thousands (1 lakh + 1 ten thousand → 1 lakh to be carried over to the lakhs place)

Step 7 → Add Lakhs: $1\text{lakh}+1\text{lakh}=2$ lakhs.

- 1) Start from ones place. Add the digits in each column , taking the carried over digit to the next column(onto left)and adding it along with the digits in that column.
- 2) Continue the process till the digits of all the places are added.

Solve the following in your class work notebook:

Q1. Arrange the following numbers in columns and find the sum:

- a) $41,325 + 19,576$
- b) $30,895 + 59,234$
- c) Largest 5 digit number + Largest 4 digit number

Q2. Find the number

- a) 1593 more than 30,189
- b) 3 lakhs more than 2,24,108

Q3. Spot the error in the following and write the correct answer:

$$\begin{array}{r} 4\ 6\ 2\ 9\ 8 \\ +2\ 5\ 7\ 0\ 3 \\ \hline 6\ 11\ 9\ 9\ 11 \end{array}$$

$$\begin{array}{r} 3\ 4\ 6\ 7\ 9 \\ +9\ 5\ 8\ 3\ 1 \\ \hline 2\ 0\ 5\ 1\ 11 \end{array}$$


Q4. A factory manufactured 72,900 bicycles in the year 2018 and 49,365 in the year 2019. How many bicycles did it manufacture in two years?


ACTIVITY


Subject: Mathematics Class: IV
Name: _____


Same Sum Rule


Here are five friends playing with number cards. They are trying to add up to two numbers which gives them the same result.





10


20


30

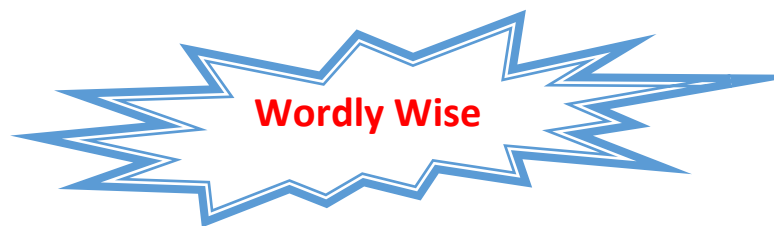

40


50

Can you see the rule which gives them the same sum each time? Find the two numbers which gives them the same sum each time.

+ =

+ =



Dear children, this week we are going to learn the next five words as part of our **Wordly Wise** exercise.

Given below are the words in jumbled up form with their meaning written before them. Rearrange the letters to form the correct word. Do this work in your **Vocabulary notebook** or second half of the Lifeskills notebook.

Happy Learning!!

- 1) very large in size - **n o u r e m s o** - _____
- 2) to leave (mainly for a journey) - **t d a p e r** - _____
- 3) to acquire something by paying for it- **ch p u a r s e** - _____
- 4) very old - **a t e n c i n** - _____
- 5) free from any kind of dishonesty (to be genuine)- **c e s r n i e** - _____