

SNUMBOOK

SKILLS NUMERACY BOOKLET



9 PROBLEM SOLVING

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PREFACE

Imagine yourself holding a delightful booklet titled "**SNUMBOOK**." But this is no ordinary book; it's like a magical key that opens the door to the fascinating world of basic math from the comfort of your own home. As you flip through its pages with your parents, you'll discover an incredible number of activities just waiting for you to discover and enjoy.

This booklet has something for everyone, whether you're a young explorer taking your first steps into the world of numbers or an adult looking to reconnect with math from years ago.

This booklet is divided into the following sections:

- **TASKS.** This is the lesson application that will process the student's knowledge and skills. This will be an enrichment task to help you become more familiar with the concept and ideas.
- **ASSESSMENT.** This is a set of learning tasks used to assess students' understanding of the concepts and ideas presented in each lesson. This allows the learner to gain a deeper understanding of the subject matter.
- **REFLECTION.** This is an activity where the students will rate their understanding of the lesson and share the involvement of their parents as they completed the activities in the booklet.
- **LEARNERS PROGRESS REPORT.** This is the summary of scores obtained from the different activities. It also contains the comment of the teachers regarding the progress of the students on the topic.
- **REFERENCES.** These are of sources used in the creation of the booklet.
- **KEY ANSWER.** The set of correct answers in the various activities for the reference of the teacher.

Remember, there's no need to rush. This journey is all about steady progress and support. So, take your time, pause, and take a breather whenever you need, and approach each new challenge with a sense of determination. Math is like a puzzle, and you have all the time and support you need to piece it together at your own pace.

Whether you're just starting your mathematical journey or continuing to build on what you know, I invite you to open your heart to this booklet and embrace the knowledge that your efforts truly matter. Let's embark on this math adventure together, one step at a time.

With patience and encouragement,

Teacher Maria

SNUMBOOK



SUPERNUMBOY

I AM YOUR MATHPAL!

9 PROBLEM
SOLVING

THIS BOOKLET BELONGS TO:

NAME: _____

SECTION _____

HOW TO USE THIS

If you are serious about improving your mathematics skills, SNUMBOOK is a must-have! It is easily accessible whenever you need it to help you get better at arithmetic or better grasp fundamental ideas. The best part about this booklet is that it allows one to work with the guidance of parents, who may serve as reliable mentors.

To the students, the SNUMBOOK was designed for students to provide fascinating tasks that will help you enhance their core math abilities. Each booklet focuses on a different math ability. Take it one step at a time, finishing one booklet before moving on to the next. Before moving forward, it is critical to fully understand each talent. Do not be afraid to ask your parents for help as you go through these exercises.

To the teachers, these home-based enrichment activities are a valuable tool for strengthening math skills and grasping key concepts. They offer a structured approach and enable students to work with guidance from their parents. Your role is to support both students and parents in establishing a consistent schedule for completing these activities. Additionally, you should provide clear instructions to ensure students understand the expectations, review, and correct mistakes once the booklets are submitted, maintain a record of completed tasks, track students' progress, and encourage them to reflect upon their work after each set of tasks is completed.

To the parents, your involvement in these home-based enrichment activities is important for your child's success and the development of their mathematical abilities. Since these pursuits take place in the comfort of your own home, you bear the responsibility of ensuring that your child has access to a conducive learning environment, providing appropriate supervision, establishing, and sticking to a regular routine, checking in on his or her progress, and encouraging a growth mentality.

- Teacher Maria

BUDGET OF WORK

WEEK	TOPIC	ACTIVITIES	NUMBER OF DAYS
4	PROBLEM SOLVING	TASK 1 <i>ADDITION PROBLEMS (WITHOUT REGROUPING)</i>	2
		TASK 2 <i>ADDITION PROBLEMS (WITH REGROUPING)</i>	
		TASK 3 SUBTRACTION PROBLEMS (WITHOUT REGROUPING)	
		TASK 4 SUBTRACTION PROBLEMS (WITH REGROUPING)	2
		TASK 5 MULTIPLICATION PROBLEMS	
		TASK 6 DIVISION PROBLEMS	
		ASSESSMENT	1
		REFLECTION	

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TASK 1: ADDITION PROBLEMS (WITHOUT REGROUPING)

DATE:	TIME STARTED:	TIME ENDED:	SCORE:
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Great to have you back for more Math adventures!
As we get on on the topic of problem-solving in addition without regrouping, let's put on our thinking caps and analyze the following problems. Ready to tackle them head-on? Let's dive into the world of problem-solving.



1. John has 32 marbles. His brother gave him 15 more marbles. How many marbles does he have altogether?

2. Your best friend has 12 pots in her backyard and 15 pots in front of her house. How many pots does she have in all?

3. Ruth had 23 books at home. She went to the library to take out 11 more books. How many books does she have now?

4. Mae bought a big bag of candy for her birthday. The bag had 102 blue candies, 123 red candies How many candies were there in total?

5. 185 girls and 312 boys took part in a Math competition. How many students took part in the competition altogether?



It seems that this activity is easy for you!

Are you ready for your next

TASK 2: ADDITION PROBLEMS (WITH REGROUPING)

DATE:	TIME STARTED:	TIME ENDED:	SCORE:
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Absolutely! Now that we've leveled up to addition problems with regrouping, let's put our problem-solving skills to the test. Take a careful look at the problem, read it thoroughly, and then analyze it to solve it accurately. Ready to tackle this challenge head-on? Let's dive into the world of regrouping in addition!

1. Tristan has 12 apples and Mara has 9 apples. What is the total number of apples that they have together?

2. My mother went to the grocery store. She bought 25 packs of cookies and 18 packs of biscuits. How many packs of groceries did she buy in all?

3. Princess read 27 pages of her story book yesterday in Today, she read 37 pages. What is the total number of pages that I read?

4.Jen has 39 photocards. I have 23 photocards. What is the sum of our photocards?

3. Jenny collects stamps. She has 345 in a box and 439 in a book. How many does she have altogether?

TASK 3: SUBTRACTION PROBLEMS (WITHOUT REGROUPING)

DATE:	TIME STARTED:	TIME ENDED:	SCORE:



Hello there!

Now, let's shift our focus to **subtraction problems**. It's **time to put our problem-solving skills to work**. Take a moment to analyze and carefully solve the following problems. Best of luck! You've got this!

1. Marry has 18 pencils. She gave 13 of it to her classmates. How many pencils does she have left?
2. A vendor bought 255 eggs and sold 142 eggs. How many eggs were left unsold?
3. Jenny has a book which contains 649 pages. He has already read 423 pages. How many pages are unread?
4. Alex went to buy 568 cookies. She got only 233 cookies in the bakery. How many more cookies she must buy?
5. Mike must learn 358 words meaning. He finished learning 122 words. How many more words he must learn?

TASK 4: SUBTRACTION PROBLEMS (WITH REGROUPING)

DATE:	TIME STARTED:	TIME ENDED:	SCORE:

Absolutely! Now, we're diving into **subtraction problems with regrouping**.

Take a good look at the problems, analyze them, and don't forget to borrow if required. Ready for the challenge? Let's conquer subtraction with regrouping!



1. A farmer has 25 trees in his farm. He cuts down 17 of it. How many trees are left?

2. There are 35 houses our street. 19 houses have been painted gray. How many houses have not been painted?

3. Mark has a collection of 81 toy cars. He gives away 37 of them to his little brother. How many toy cars does he have now?

4. Mindy’s favorite book has 354 pages. She already finished reading 296 pages of the book.
How many pages does Mindy have left to read?

5. There are 687 cars in a parking lot. 189 cars drive away. How many cars are left in the parking lot.

TASK 5: MULTIPLICATION PROBLEMS

DATE:	TIME STARTED:	TIME ENDED:	SCORE:
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Great! It's time to flex those multiplication muscles.

Take a good look at the multiplication problems ahead.

Analyze them carefully and apply your skills to find the solutions. Ready to multiply and conquer? Let's dive into these multiplication challenges!

1. Yohan has 4 boxes of crayons. Each box holds 6 crayons. How many crayons does he have?

2. Each child has 7 oranges. If there are 4 children, how many oranges are there in total?

3. Gary can pack 69 bars of chocolate in each box. If there are 9 boxes, how many chocolate bars will be packed in all?

4. Fely baked 40 cookies each tray. If there are 25 trays, how many cookies were baked?

5. Jay has 124 boxes of chocolate. Each box has 24 chocolates. How many chocolates does he have in all?



Did you find it hard?

If you are ready, let's go to your next task!

TASK 6: DIVISION PROBLEMS

DATE:	TIME STARTED:	TIME ENDED:	SCORE:
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Fantastic! Now, let's put our division skills to the test. Take a moment to read and carefully analyze the division problems ahead. Once you've wrapped your head around them, it's time to dive in and find those solutions. Ready to conquer division? Let's tackle these problems with confidence!

2. Mother bought 25 pieces of candies for her 5 children. How many candies will each child receive?
1. Samantha baked 16 chocolate cupcakes for her friends. If the cupcakes are shared equally among 4 of her friends, how many cupcakes will each friend get?
3. Mae bought 8 pencils for P72 pesos, how much does each pencil cost?
4. Each slice of cake cost P10.00 and I have P120.00, how many slices of cake can I buy?
5. A vendor bought mangoes at P55 per kilo. If he paid P275, how many did he buy?

ASSESSMENT

DATE:	TIME STARTED:	TIME ENDED:	SCORE:
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It's showtime!
Time to put those newly acquired skills to the test. Remember everything you've learned from the tasks, and do this assessment with confidence.
You've got the knowledge, and I believe in you!
Solve the following problems:

1. Anna has 34 candies. Paola has 28. How many candies do they have together?

A pile of various wrapped candies in different colors like red, green, blue, and yellow.

2. There are 48 children participated in the program, out of which 29 were boys. How many girls participated in the program?

Four cartoon children standing in a row: a boy in a green shirt, a girl in a pink dress, a boy in a blue shirt, and a girl in a yellow dress.

3. Jay has 124 boxes of chocolate. Each box has 4 chocolates. How many chocolates does he have in all?

A rectangular box containing several different shaped chocolates, including heart-shaped and round ones.

4. Eloisa bought 3 chocolate bars for P27, how much does one chocolate bar costs?

A red wrapper for a chocolate bar, partially unwrapped to show a brown chocolate bar with a grid pattern.

5. Janeth has 28 pencils. She shares them between her 7 friends. How many pencils will each of her friends get? How many pencils will Sarah have remaining?

A yellow pencil with a pink eraser and a sharpened lead tip.

TIME TO REFLECT



Great job on completing all your tasks and assessments! Now, let's take a moment for reflection.

Draw a **happy face** next to the statement that best represents your level of understanding of the lesson. And don't forget to share a bit about your parents' involvement in completing the activity. Their support and involvement can make a big difference!

	I UNDERSTAND IT AND CAN TEACH IT TO OTHERS.		I THINK I UNDERSTAND IT, IM STILL GETTING SOME ITEMS WRONG.
	I UNDERSTAND IT.		I DON'T GET IT I NEED HELP.

1. Did your parent help you in completing your tasks?



YES



NO

2. How did your parent help you in completing your activities? Check all that applies.

- _____ Provides me nice learning environment to do math.
- _____ Spends time with me while I am doing my activity math at home.
- _____ Assists me when I am confused.
- _____ Motivates me to learn math well.
- _____ Checks me if I am doing the math activities right.
- _____ Talks to me about my new learnings.

SIGNATURE OF STUDENT

SIGNATURE OF PARENT



Great job on all your hard work! Now, it's time to wrap things up for this section.

Ask your parent to sign the progress report on the next page to acknowledge all the fantastic effort you've put in. Once that's done, you're officially ready to move on to the next topic. Keep up the awesome work! 🌟

LEARNER'S PROGRESS REPORT

TASKS	SCORE	REMARKS	TEACHER'S SIGNATURE	PARENT'S SIGNATURE
1				
2				
3				
4				
5				
6				
ASSESSMENT	SCORE	REMARKS	TEACHER'S SIGNATURE	PARENT'S SIGNATURE

TEACHER'S COMMENTS:

[illegible]

REFERENCES

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POTS

<https://tumbleweedplants.com/products/satin-cylinder-pots>

BOOKS

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CANDY

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EGGS

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TREES

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ORANGE

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BOXES OF CHOCOLATE

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