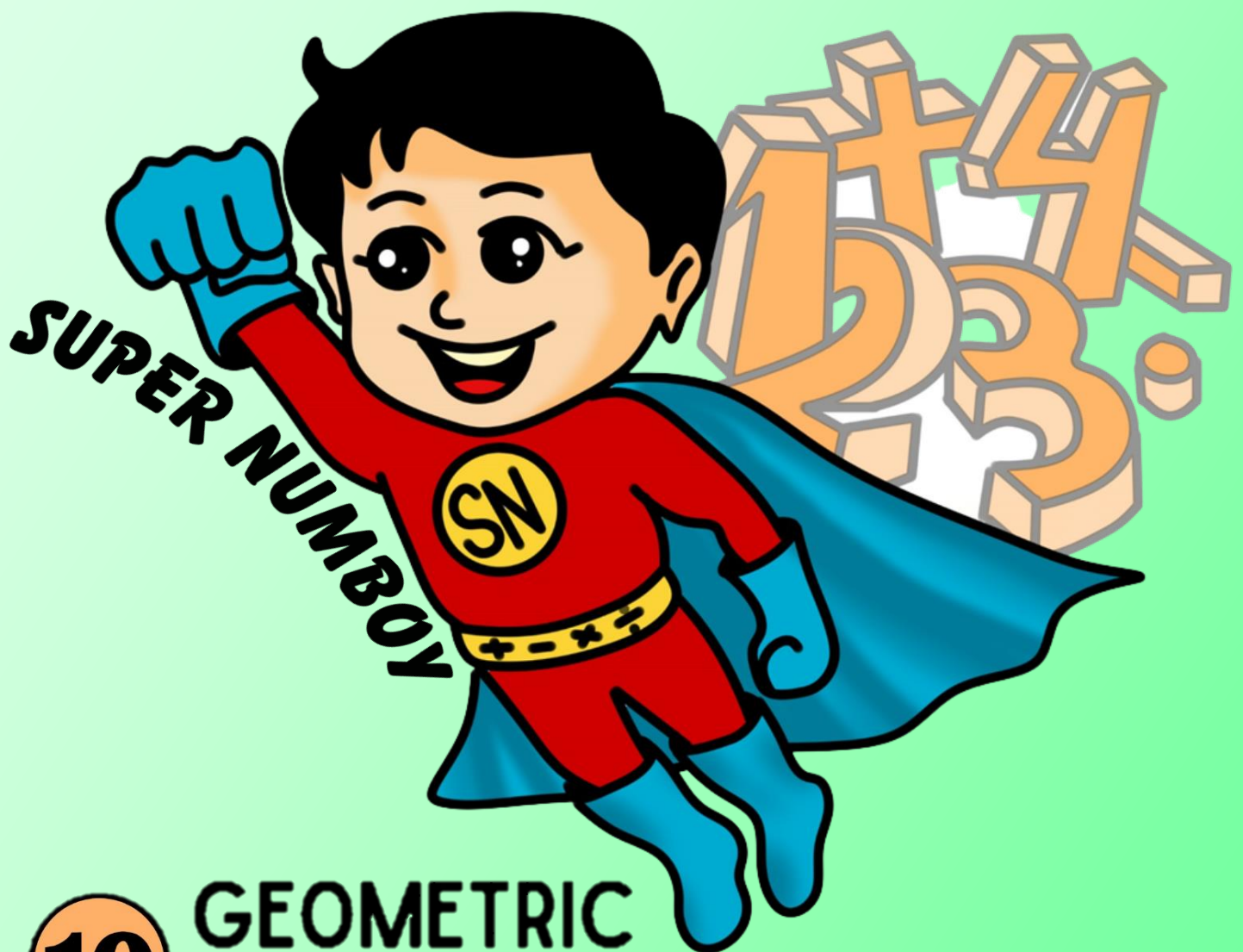


SNUMBOOK

SKILLS NUMERACY BOOKLET



10

**GEOMETRIC
PATTERN AND
VISUALIZATION**

**MARY GRACE M. BUENVIAJE
MAT -MATH**

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!

10 GEOMETRIC
PATTERN AND
VISUALIZATION

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	GEOMETRIC PATTERN AND VISUALIZATION	TASK 1 COMPLETE ME	2
		TASK 2 WHAT IS NEXT?	
		TASK 3 SPELL ME!	
		TASK 4 WHAT IS MY NAME?	2
		TASK 5 MATCH US!	
		TASK 6 ARE WE THE SAME?	
		ASSESSMENT	1
		REFLECTION	

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TASK 4: WHAT IS MY NAME?	4
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TASK 1: Complete Me!

DATE:	TIME STARTED:	TIME ENDED:	SCORE:
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Complete the patterns below
Let us try to find out what figure will be the next in the pattern in column A. Circle the figure in column B that represents your answers.



A

B

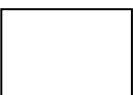
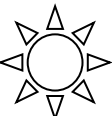
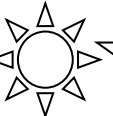
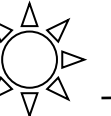
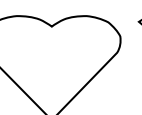
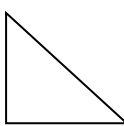
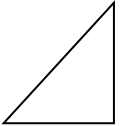
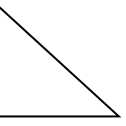
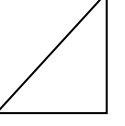
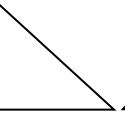
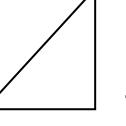
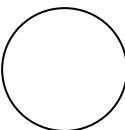
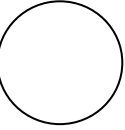
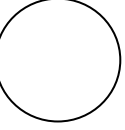
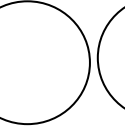
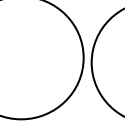
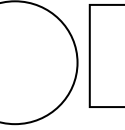
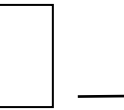
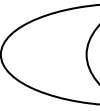
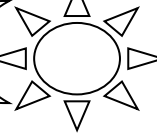
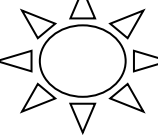
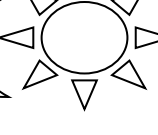
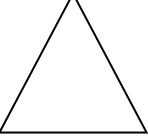
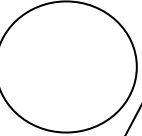
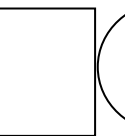
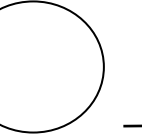
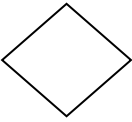
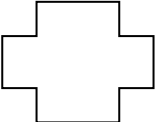
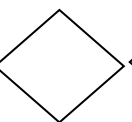
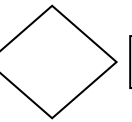
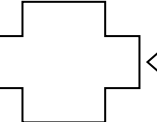
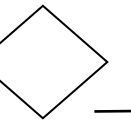
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

TASK 2: What is Next!

DATE:	TIME STARTED:	TIME ENDED:	SCORE:
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Check the patterns of the figures below. Draw the figure that's comes next in the pattern.

1.      _____
2.       _____
3.        _____
4.         _____
5.       _____
6.         _____
7.        _____
8.        _____
9.       _____
10.       _____

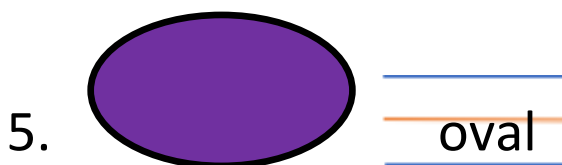
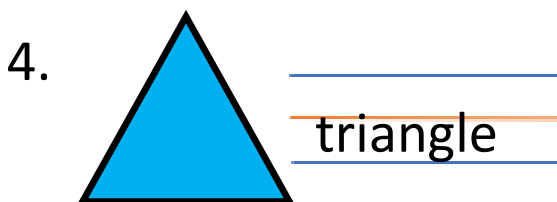
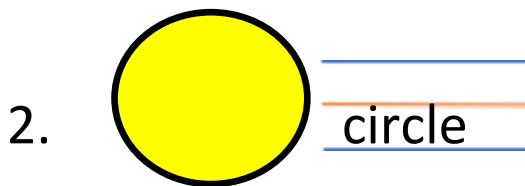
GEOMETRIC PATTERN AND VISUALIZATION

TASK 3: Spell Me!

DATE:	TIME STARTED:	TIME ENDED:	SCORE:
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Write the names of the shapes on the space provided 3 times to master their spelling.

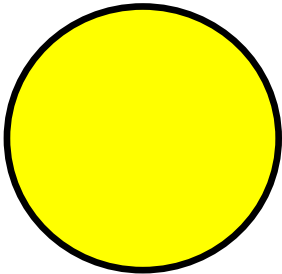


TASK 4: What is my name?

DATE:	TIME STARTED:	TIME ENDED:	SCORE:
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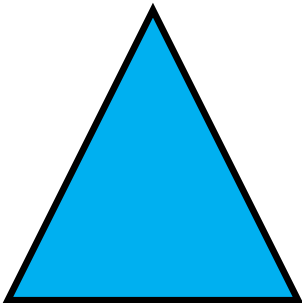
Write the name of the following shapes.

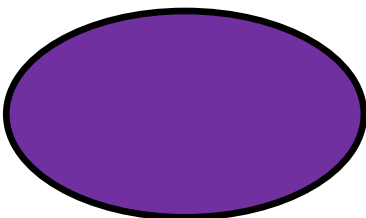


1. 

2. 

3. 

4. 

5. 

GEOMETRIC PATTERN AND VISUALIZATION

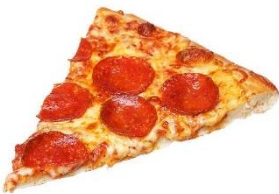
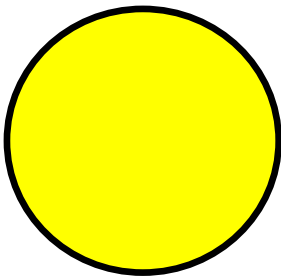
TASK 5: Match Us!

DATE:	TIME STARTED:	TIME ENDED:	SCORE:



Match the following shapes with the pictures they represent.

1.



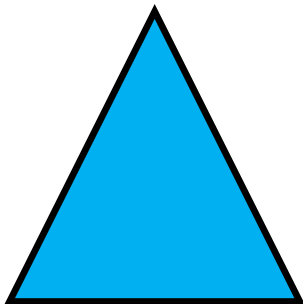
2.



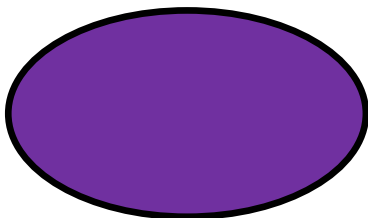
3.



4.



5.



TASK 6: Are We The Same?

DATE:	TIME STARTED:	TIME ENDED:	SCORE:



Compare the two shapes. Identify if they are congruent or similar?
Be careful!

1.

Congruent

Similar

2.

Congruent

Similar

3.

Congruent

Similar

4.

Congruent

Similar

5.

Congruent

Similar

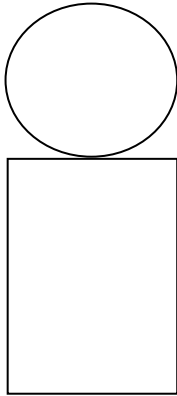
ASSESSMENT

DATE:	TIME STARTED:	TIME ENDED:	SCORE:



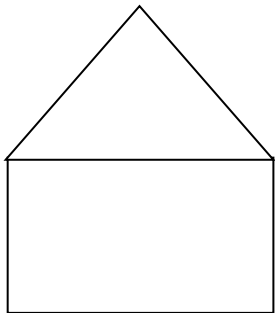
It's time for your **assessment!**
Make sure to remember the skills you have
learned from the tasks that you finished.
Good luck!

1.



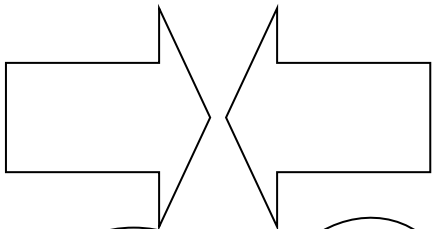
What shapes do you see?

2.



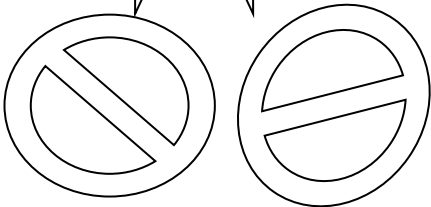
What shapes do you see?

3.



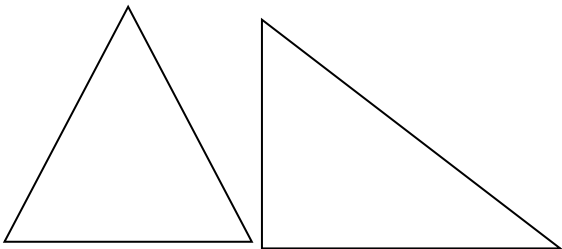
Are the figures the same? _____

4.



Are the figures the same? _____

5.



Are the figures the same? _____



Did you get it all
correct?
If yes congratulations!
You can now proceed to
the **reflection** part of
this booklet.

TIME TO REFLECT



Good job!
You have finished all your tasks and assessment.
It's time for you to **reflect**!
Let us check you understanding.
Draw a happy face beside the statement that **best** represent **your level of understanding** of the lesson.
Then share your parents' involvement in completion of your activity.

	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



Let your parent sign the progress report on the next page.

Then you can now go on to the next topic.

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

PIZZA

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CLOCK

https://play.google.com/store/apps/details?id=com.egert.clock&hl=en_US

OVAL

<http://misssharonsdragonflies.weebly.com/oval.html>

DOOR

<https://clipart-library.com/clipart/1246422.htm>

GIFT

<https://www.vecteezy.com/vector-art/14217567-square-gift-box>