

MATHEMATICS

Quarter 1 - Module 10

Illustrate and Apply the Properties of Addition using Sums up to 1000



MATHEMATICS - Grade 2

Quarter 1 - Module 10 Illustrate and Apply the Properties of Addition using Sums up to 1000

Self-Learning Module (SLM)

MATATAG Curriculum

First Edition, 2025

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**Printed in the Philippines by
Schools Division Office of Tacurong City**

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Introductory Message

This Self-Learning Module (SLM) is prepared so that you, our dear learners, can continue your studies and learn while at home. Activities, questions, directions, exercises, and discussions are clearly stated for you to understand each lesson.

Each SLM is composed of different parts. Each part shall guide you step-by-step as you discover and understand the lesson prepared for you.

A Pre-test is provided to measure your prior knowledge on lessons in each SLM. This will tell if you need to proceed on completing this module, or if you need to ask your facilitator or your teacher's assistance for better understanding of the lesson. At the end of each module, you need to answer the post-test to self-check your learning. Answer keys are provided for each activity and test. We trust that you will be honest in using these.

In addition to the material in the main text, Notes to the Teachers are also provided to the facilitators and parents for strategies and reminders on how they can best help you on your home-based learning.

Please use this module with care. Do not put unnecessary marks on any part of this SLM. Use a separate sheet of paper in answering the exercises and tests. Read carefully the instructions before performing each task.

If you have any questions in using this SLM or any difficulty in doing the tasks in this module, do not hesitate to consult your teachers or facilitator.

Thank you.

For the learner

Welcome to the Mathematics - Grade 2 Self-Learning Module (SLM) on Illustrating and Applying the Properties of Addition using Sums up to 1000!

In this learning resource, you will have the opportunity to enjoy and successfully achieve relevant competencies at your own pace.

This module offers fun and meaningful opportunities for both guided and independent learning. You will engage with the material and become an active participant in your learning journey.

This module has the following parts and corresponding icons:



What I Need to Know

This gives you an idea of the skills or competencies you are expected to learn in the module.



What I Know

This part includes an activity that aims to check what you already know about the lesson to take. If you get all the answers correctly, you may decide to skip this part.



What's In

This is a brief drill or review to help you link the current lesson with the previous one.



What's New

In this portion, the new lesson is introduced to you in various ways such as through a story, a song, a poem, a problem opener, an activity or a situation.



What is It

This section provides a brief discussion of the lesson. This aims to help you discover and understand new concepts and skills.



What's More

This comprises activities for independent practice to concretize your understanding and skills about the topic. You may check the answers to the exercises using the Answer Key at the end of the module.



What I Have Learned

This includes questions or blank sentence/ paragraph to be filled in to process what you learned from the lesson.



What I Can Do

This section provides an activity which will help you transfer your new knowledge or skill into real life situations or events.



Assessment

This is a task which aims to evaluate your level of mastery in achieving the learning competency.



Additional Activities

In this portion, another activity is given to you to enrich your knowledge or skill of the lesson learned. It also ensures retention of learned concepts.

Answer Key

This contains answers to all activities in the module.

At the end of this module, you will also find:

References

This is a list of all sources used in developing this module.

The following are some reminders in using this module:

1. Use the module with care. Avoid unnecessary mark/s on any part of the module. Use a separate sheet of paper in answering the exercises.
2. Answer *What I Know* before moving on to the other activities included in the module.
3. Carefully read the instructions before doing each task.
4. Observe honesty and integrity in doing the tasks and in checking your answers.
5. Finish the task at hand before proceeding to the next.
6. Return this module to your teacher/facilitator once you are through with it.

If you encounter any difficulty in doing the tasks in this module, consult your teacher or facilitator. Always bear in mind that you are not alone. We hope that through this material, you will experience meaningful learning and gain a deep understanding of the relevant competencies.

For the facilitator

Welcome to the (Mathematics Grade 2) Self-Learning Module on Illustrating and Applying the Properties of Addition using Sums up to 1000!

The Curriculum Implementation Division (CID) through the Learning Resource Management Section (LRMS) launched this module in cooperation with the Division's Teacher Developers, Learning Resource Evaluators (LREs), Information and Technology Officer, and subject matter experts in Mathematics and English. This has been especially developed, quality-assured, and validated to enable you to help the learners overcome their educational obstacles—personal, social, and economic—while meeting the standards outlined in the MATATAG Curriculum.

This learning resource hopes to engage the learners in guided and independent learning activities. It further aims to help them acquire the needed 21st century skills while taking into consideration their needs and circumstances.

As a facilitator, you are expected to orient the learners on how to use this module. You also need to keep track of their progress while allowing them to manage their learning. In addition, you are enjoined to encourage and assist the learners as they do the tasks contained in the module.

MATHEMATICS

Illustrate and Apply the Properties of
Addition using Sums up to 1000



What I Need to Know

This module was designed and written with you to master the Properties of Addition, the identity, commutative and associative.

Most Essential Learning Competency

- Illustrate and apply the following properties of addition using sums up to 1000

The module is divided into three lessons namely:

- a. The sum of zero and any number is equal to the number
- b. Changing the order of the addends does not change the sum, and
- c. Changing the grouping of the addends does not change the sum

At the end of this module, you are expected to illustrate and apply:

- the identity property of addition in adding for sums up to 1000
- the commutative property of addition in adding numbers for sums up to 1000
- the associative property of addition in adding numbers for sums up to 1000

Lesson 1 - The sum of zero and any number is equal to the number



What I Know

Hello children! Let's try to answer the following problems. Good luck!

Directions: Read the following question and encircle the correct answer.

1. What is the sum if we add, 246 and 0?
 - a. 0
 - b. 5
 - c. 246
 - d. 251
2. What is the missing number to complete this number sentence $45 + 0 = \underline{\hspace{2cm}}$?
 - a. 0
 - b. 40
 - c. 45
 - d. 54
3. Which number sentence shows the Identity Property?
 - a. $8 + 0 = 0$
 - b. $0 + 23 = 23$
 - c. $12 + 15 = 15 + 12$
 - d. $(6+2) + 7 = 6 + (2 + 7)$

4. What property of addition if zero is added to any number?
- a. identity
 - b. associative
 - c. commutative
 - d. all of the above
5. This number sentence $0 + 67 = 67$ is an example of what property of addition?
- a. identity property
 - b. associative property
 - c. commutative property
 - d. both a and b are correct



What's In

Let's test your memory by reviewing the pervious lesson.

Directions: Solve the following given problems and write your answer on the blank provided before the number.

_____ 1. What is the sum of $453 + 278$?

_____ 2. Find the sum of $345 + 223$.

_____ 3. Add 642 to 187 to get the total.

_____ 4. Combine 565 and 346 to get the sum.

_____ 5. Solve the total of 218 and 342?



What's New

Good job kid! You are a great problem solver. I can see you're eager to learn another lesson. Now, let's discover something new.

Study the illustration below.

$$\begin{array}{ccccc} \boxed{\begin{array}{cc} \text{clock} & \text{clock} \\ \text{clock} & \text{clock} \end{array}} & + & \boxed{\phantom{\text{clock} \text{ clock}}} & = & \boxed{\phantom{\text{clock} \text{ clock}}} \\ 4 & & 0 & & 4 \end{array}$$

Always remember that any number that you add to zero the sum is the number itself.



What is It

You've done a great start. Let's explore more!

Read and study the table below for you to understand the identity property of addition.

Identity Property

When zero is added to any number the sum is the number itself.

Example:

$$\begin{array}{ccccc} \boxed{\text{Lightbulb} \quad \text{Lightbulb} \quad \text{Lightbulb}} & + & \boxed{\phantom{\text{Lightbulb} \quad \text{Lightbulb} \quad \text{Lightbulb}}} & = & \boxed{\text{Lightbulb} \quad \text{Lightbulb} \quad \text{Lightbulb}} \\ 3 & + & 0 & = & 3 \end{array}$$

$$\begin{array}{ccccc} \boxed{\phantom{\text{Gear} \quad \text{Gear} \quad \text{Gear} \quad \text{Gear}}} & + & \boxed{\text{Gear} \quad \text{Gear} \quad \text{Gear} \quad \text{Gear}} & = & \boxed{\text{Gear} \quad \text{Gear} \quad \text{Gear} \quad \text{Gear}} \\ 0 & + & 4 & = & 4 \end{array}$$



What's More

We have learned so far. Have fun and learn more!

Directions: Write the missing number to complete the number sentence.

1. $225 + 0 = \underline{\hspace{2cm}}$

2. $0 + \underline{\hspace{2cm}} = 633$

3. $\underline{\hspace{2cm}} + 145 = 145$

4. $287 + 0 + \underline{\hspace{2cm}}$

5. $\underline{\hspace{2cm}} + 0 = 926$



What I have learned

Let's see how far you have learned!

Directions: Choose the word from the box to complete the thought below.

identity

sum

number

zero

Any (1) _____ that is added into (2) _____ the sum is the number itself, and it is called (3) _____ property of addition.



What I can do

Let's enjoy reading and learning, kids! This will help you solve the problems given below.

Directions: Read the situation below. Write your answer on the blank provided.

Lea won in a Grade Two Mathematics contest in Tacurong Pilot Elementary School. As a reward, her mother gave her 8 pens. Her father did not give him anything because he had some important things to buy. Father asked sorry.

1. Who won the contest? _____
2. What did her mother gave? _____
3. What did her father gave? _____
4. If you were Lea, how would you feel when your father has nothing to give? Why? _____
5. Illustrate the situation in mathematical sentence showing identity property of addition.



Assessment

Let's apply what you have learned now and see how far you can rise!

Directions: Encircle the letter of the correct answer.

1. What is the sum if number 236 is added to 0?
a. 0
b. 236
c. 336
d. 636
2. What property of addition if zero is added to any number and the sum is the number itself?
a. identity
b. associative
c. commutative
d. all of the above
3. What is the correct number to make the equation complete, $0 + \underline{\hspace{1cm}} = 964$
a. 0
b. 964
c. 965
d. 960
4. Aunt Loren visits her nieces Lorna and Linda to give them fruits she harvested from her farm. Lorna received 6 pieces of native guava. While, Linda did not receive any because she was playing outside with her friends. How many native guavas did Lorna receive?
a. 0
b. 6
c. 16
d. 12

5. Rita and Ana were assigned to bring fruits for their school cooking activities. Rita got 15 pieces of avocados while her friend Ana forgot to bring the banana. How many pieces of fruit do they have?

a. 0

c. 15

b. 5

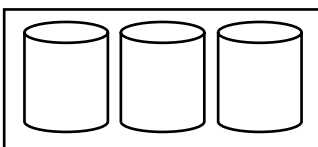
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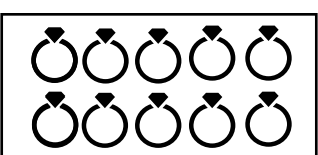
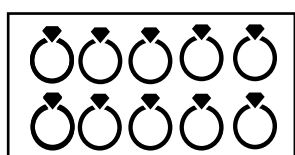
Additional Activities

Great job! Now let's practice more fantastic and challenging ideas!

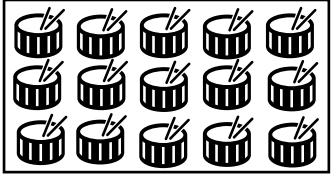

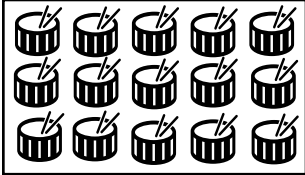
Directions 1: Using the illustration below. Write the number sentence.

1.  +  = 

Number Sentence ____ + ____ = ____

2.  +  = 

Number Sentence ____ + ____ = ____

3.  +  = 




Number Sentence _____ + _____ = _____

Directions 2: Make an illustration from the given number sentence.

4. $15 + 0 = 15$

 +  = 

5. $0 + 23 = 23$

 +  = 

Lesson 2 - Changing the order of the addends does not change the sum



What I Know

Let's see how far you knew new things. Let's do this!

Directions: Read the following question and encircle the correct answer.

1. Which of the following shows the commutative property of addition?
 - a. $315 + 0 = 315$
 - b. $21 + 45 = 45 + 21$
 - c. $(8 + 2) + 4 = 8 + (2 + 4)$
 - d. $19 + (12 + 13) = (19 + 12) + 13$
2. Complete this number sentence to show Commutative Property of Addition, $56 + 24 = 24 + \underline{\hspace{2cm}}$
 - a. 0
 - b. 24
 - c. 56
 - d. 90
3. If you are going to interchange the order of the addends of this number, $122 + 67$, what should be the sum?
 - a. 88
 - b. 89
 - c. 188
 - d. 189

4. Which of the following properties of addition that tells changing the order of addends does not affect the sum?
- a. identity
 - b. associative
 - c. commutative
 - d. all of the above
5. The number sentence $12 + 15 = 15 + 12$ is an example of what property of addition?
- a. zero property
 - b. identity property
 - c. associative property
 - d. commutative property



What's In

Let's find out how far you've learned in our last lesson. Do this to refresh your memory!

Directions: Complete the number sentence to show the identity property of addition.





- 1. $764 + \underline{\quad} = 764$
- 2. $216 + 0 = \underline{\quad}$
- 3. $0 + \underline{\quad} = 923$
- 4. $\underline{\quad} + 0 = 395$
- 5. $116 + 0 = \underline{\quad}$



What's New

Hey! Let's explore something cool about addition.

Study the picture below.

<div style="border: 1px solid black; padding: 5px; display: inline-block;"></div> + <div style="border: 1px solid black; padding: 5px; display: inline-block;"></div>	=	<div style="border: 1px solid black; padding: 5px; display: inline-block;"></div> + <div style="border: 1px solid black; padding: 5px; display: inline-block;"></div>
3 + 2	=	2 + 3
5	=	5

The illustration shows that changing the order of addends does not change the sum.



What is It

It's like magic! You've had fun and discovered something new. So, let's go explore more!

Study the table below to understand the commutative property of addition.

Commutative Property of Addition

Changing the order of addends does not change the sum

Example:

$$\begin{array}{l} 1. \ 32 + 25 = 57 \\ \quad 25 + 32 = 57 \end{array}$$

$$\begin{array}{l} 2. \ 345 + 241 = 586 \\ \quad 241 + 345 = 586 \end{array}$$



What's More

Let's keep on practicing!

Directions: Write the missing number to complete the correct number sentence that shows commutative property of addition.

$$\begin{array}{rcl} 1. & 22 + 3 & = 25 \\ & \underline{\quad} + 22 & = 25 \end{array}$$

$$\begin{array}{rcl} 2. & \underline{\quad} + 415 & = 746 \\ & 415 + 331 & = 746 \end{array}$$

$$\begin{array}{rcl} 3. & 246 + 343 & = 589 \\ & 343 + 246 & = \underline{\quad} \end{array}$$

$$\begin{array}{rcl} 4. & 508 + \underline{\quad} & = 777 \\ & 269 + 508 & = 777 \end{array}$$

$$\begin{array}{rcl} 5. & 524 + 300 & = 824 \\ & 300 + \underline{\quad} & = 824 \end{array}$$



What You can I have learned

We have learned so far. Now, let's see how far you have learned.

Directions: Choose inside the box the correct word to complete the thought below.

addends	commutative	sum	order
---------	-------------	-----	-------

Changing the (1) _____ of the (2) _____ does not change the (3) _____ and it is called _____ property of addition.



What I can do

You can do it!

Directions: Write the correct missing number to show the commutative property of addition.

1. $12 + 9 = \underline{\quad} + 12$
2. $\underline{\quad} + 24 = 24 + 34$
3. $56 + \underline{\quad} = 18 + \underline{\quad}$
4. $64 + 55 = \underline{\quad} + \underline{\quad}$
5. $\underline{\quad} + 500 = 123 + \underline{\quad}$



Assessment

You're doing fantastic! Now, it's your turn. Let's test your superpowers!

Directions: Choose the letter of the correct answer.

1. What is the missing number to complete the commutative equation, $428 + 213 = 213 + \underline{\hspace{2cm}}$
a. 213 c. 248
b. 428 d. 842

2. What is the missing number in this number sentence, $486 + \underline{\hspace{2cm}} = 659 + 486$ to show the commutative property of addition?
a. 0 c. 659
b. 486 d. 569

3. If you are going to interchange the order of $762 + 12$, What should be the sum?
a. 74 c. 774
b. 747 d. 777

4. Which of the following number sentence shows the commutative property of addition?
a. $16 + 0 = 16$
b. $23 + 873 = 873 + 23$
c. $8 + (19 + 5) = (8 + 19) + 5$
d. $(8 + 19) + 5 = 8 + (19 + 5)$

5. Which of the following properties of addition that tells changing the order of the addends does not change the sum.
- a. identity property
 - b. associative property
 - c. commutative property
 - d. zero property



Additional Activities

Keep practicing and you will become a math superstar!

Directions: Illustrate in commutative property of addition equation the following given number.

1. 308 and 653

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

2. 216 and 123

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

3. 437 and 232

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

4. 754 and 200

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

5. 543 and 322

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

Lesson 3 - Changing the grouping of the addends does not change the sum



What I Know

Hey Math explorer! Be ready to discover a new cool secret of addition.

Directions: Choose the letter of the correct answer.

1. Which of the following number sentence shows the associative property of addition?
 - a. $35 + 0 = 35$
 - b. $24 + 14 = 14 + 24$
 - c. $7 + 37 + 29 = 73$
 - d. $7 + (37 + 29) = (7 + 37) + 29$
2. What is the missing number to complete this number sentence, $36 + (29 + 84) = (36 + \underline{\quad}) + 84$
 - a. 0
 - b. 84
 - c. 36
 - d. 29
3. What is the sum if the addends are group like this, $26 + (19 + 36)$?
 - a. 0
 - b. 71
 - c. 81
 - d. 45

4. Which illustration describe the associative property?



- a. $3 + (4 + 7)$
- b. $4 + (7 + 3)$
- c. $(4 + 3) + 7$
- d. $4 + 3 + 4$

5. Which properties of addition that tells changing the grouping of the addends does not change the sum?

- a. identity
- b. associative
- c. commutative
- d. distributive



What's In

Be ready! Let's have a quick review about the previous lesson.

Directions: Write the missing number to complete the commutative property of addition equation.

- 1. $275 + 40 = \underline{\quad} + 275$
- 2. $67 + 28 = 28 + \underline{\quad}$
- 3. $89 + \underline{\quad} = 33 + 89$
- 4. $\underline{\quad} + 42 = 42 + 171$
- 5. $97 + \underline{\quad} = 12 + 97$



What's New

Let's discover new things and go through it step by step.

Study the illustration below

$$\begin{array}{ccccccc} \square & \square & \square & + & \square & \square & + & \square & \square & \square & \square & \square & \square & \square \\ 3 & & & + & 2 & & + & & & & & & 7 \end{array}$$

Illustration 1

$$\begin{array}{ccccccc} (3 & + & 2) & & + & & 7 \\ \downarrow & & & & & & \downarrow \\ 5 & & & + & & & 7 \\ \downarrow & & & & & & \\ = 12 \end{array}$$

Illustration 2

$$\begin{array}{ccccccc} 3 & & + & & (2 & + & 7) \\ \downarrow & & & & \downarrow & & \\ 3 & & + & & 9 & & \\ \downarrow & & & & & & \\ = 12 \end{array}$$

The grouping of addends does not change the sum.



What is It

Practice makes perfect. Let's move on to some more challenging examples.

Directions: Study the table below.

Associative Property

Changing the grouping of addends does not change the sum.

Example:

$$24 + (15 + 18) = (24 + 15) + 18$$

$$24 + 33 = 39 + 18$$

$$57 = 57$$



What's More

Try to do this on your own. Let's see if you can do it!

Directions: Write the missing number to illustrate the associative property of addition.

1. $14 + (5 + 12) = (\underline{\quad} + 5) + 12$

2. $(13 + 24) + \underline{\quad} = 13 + (24 + 22)$

3. $\underline{\quad} + (15 + 30) = (9 + 15) + 30$

4. $(70 + 2) + 10 = 70 + (2 + \underline{\quad})$

5. $125 + (\underline{\quad} + 16) = (125 + 11) + 16$



What I have learned

Think about it!

Directions: Fill in the blank to complete the thought.
Choose your answer inside the box.

sum	associative	addends	grouping
-----	-------------	---------	----------

The (1) _____ property of addition is one of the properties of addition. This means, that changing the (2) _____ of the (3) _____ does not affect the (4) _____.



What I can do

Let's connect into a real-world situation and apply what we have learned.

Directions: Read the situation below. Write the number sentence and group the addends into two ways to find the sum. Write your answer into a separate sheet.

1. Mang Ramon tends to his lively farm with great care. In his cozy poultry, she has 4 clucking hens, 5 proud roosters, and 6 waddling ducks in the coop. How many animals are in his poultry farm?

2. Tina harvested 10 papayas, Rosa got 12 guavas, and Lisa got 15 sugar apples from the backyard. How many fruits did they harvest in total?
3. The Grade Two pupils cleaned their garden in preparation for the Gulayan sa Paaralan contest. The parents planted different kinds of vegetables. They planted 12 pieces of gabi, 15 pieces of eggplant, and 17 pieces of ampalaya. How many vegetables do they have in total?
4. Mang Kardo took care of his Lolo's poultry farm. One morning, he harvested an egg. He got 18 eggs from the first poultry, 25 from the second poultry, and 30 from the third poultry. How many eggs did Mang Kardo harvest in total?
5. Teacher Ana told her pupils in Grade two to bring some seedlings for their garden. Ana brought 15 pieces of eggplants, Nestor brought 24 pieces of okra, and Lito brought 18 pechay. How many seedlings do they have in all?



Assessment

Let's test your knowledge!

Directions: Choose the letter of the correct answer.

1. What is the missing number to complete this mathematics problem: $5 + (8 + \underline{\quad}) = (5 + 8) + 6$
 - a. 5
 - b. 8
 - c. 6
 - d. 13
2. What is the missing number in this mathematical problem, $341 + (650 + 225) = (\underline{\quad} + 650) + 225$
 - a. 341
 - b. 650
 - c. 225
 - d. 252
3. Find the sum of $123 + (100 + 151)$?
 - a. 474
 - b. 473
 - c. 374
 - d. 251
4. What property of addition for this number sentence, $34 + (11 + 53) = (34 + 11) + 53$?
 - a. identity property
 - b. associative property
 - c. commutative property
 - d. distributive property
5. What property of addition that tells changing the grouping of the addends does not change the sum?
 - a. identity property
 - b. associative property
 - c. commutative property
 - d. distributive property



Additional Activities

You're doing fantastic! Keep going and enjoy learning!

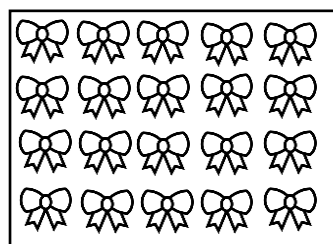
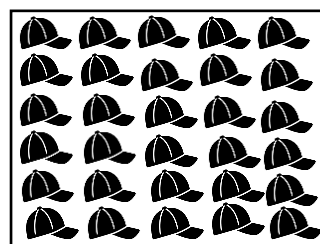
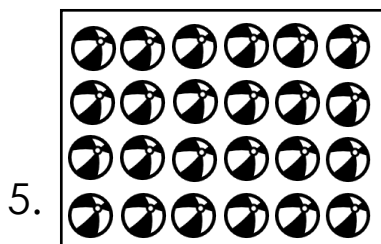
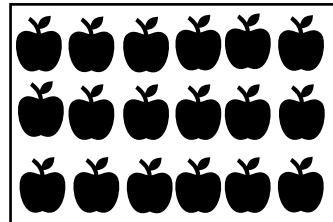
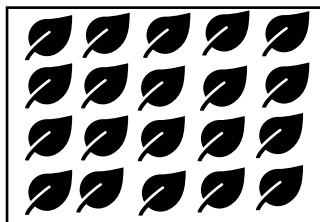
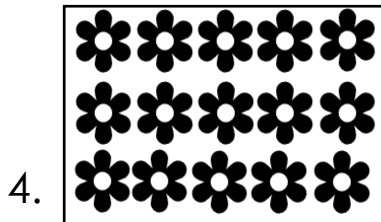
Directions: Draw any objects that you want to illustrate the mathematical expression below.

1. $8 + (12 + 14) = 34$
 $(8 + 12) + 14 = 34$

2. $10 + (22 + 16) = 48$
 $(10 + 22) + 16 = 48$

3. $(16 + 19) + 14 = 49$
 $16 + (19 + 14) = 49$

Directions: Make an associative mathematical number sentence using the illustration below.



Answer Key

<p>LESSON 1</p> <p>What I know 1. c 2. c 3. b 4. a 5. a</p> <p>What's In 1. 731 2. 568 3. 829 4. 911 5. 560</p> <p>What's More 1. 225 2. 633 3. 0 4. 287 5. 926</p> <p>What I have learned 1. number 2. zero 3. identity</p> <p>What I can Do 1. Lea 2. 8 pens 3. None/nothing/0 4. Sad/happy 5. $8 + 0 = 8$ / $0 + 8 = 8$</p> <p>Assessment 1. b 2. a 3. b 4. b 5. c</p> <p>Additional Activities 1. $3 + 0 = 3$ 2. $0 + 10 = 10$ 3. $15 + 0 = 15$ 4. (The illustration of objects may vary) 5. (The illustration of objects may vary)</p>	<p>LESSON 2</p> <p>What I know 1. b 2. c 3. d 4. c 5. d</p> <p>What's In 1. 0 2. 216 3. 923 4. 395 5. 116</p> <p>What's More 1. 3 2. 331 3. 589 4. 269 5. 524</p> <p>What I have learned 1. order 2. adds 3. sum 4. commutative</p> <p>What I can Do 1. 9 2. 34 3. 18, 56 4. 55, 64 5. 500, 123</p> <p>Assessment 1. b 2. c 3. c 4. b 5. c</p> <p>Additional Activities 1. $308 + 653 = 653 + 308$ 2. $216 + 123 = 123 + 216$ 3. $437 + 232 = 232 + 437$ 4. $754 + 200 = 200 + 754$ 5. $543 + 322 = 322 + 543$</p>	<p>LESSON 3</p> <p>What I know 1. d 2. d 3. c 4. 171 5. 12</p> <p>What's In 1. 40 2. 67 3. 33</p> <p>What's More 1. 14 2. 22 3. 9</p> <p>What I have learned 1. associative 2. grouping 3. adds 4. sum</p> <p>What I can Do 1. $4 + (5 + 6) = (4 + 5) + 6$ 2. $10 + (12 + 15) = (10 + 12) + 15$ 3. $12 + (15 + 17) = (12 + 15) + 17$ 4. $18 + (25 + 30) = (18 + 25) + 30$ 5. $15 + (24 + 18) = (15 + 24) + 18$</p> <p>Assessment 1. c 2. a 3. c 4. b 5. b</p> <p>Additional Activities 1. (The illustration of objects may vary) 2. (The illustration of objects may vary) 3. (The illustration of objects may vary) 4. $15 + 20 + 18$ 5. $24 + 30 + 20$</p>
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References

Paler, O. (2020). Mathematics: Unang Markahan-Modul 11: Properties of Addition. *Self-Learning Module (SLM)*. Regional Center, Brgy. Carpenter Hill, , City of Koronadal: Department of Education – SOCCSKSARGEN Region.

DISCLAIMER

This Self-learning Module (SLM) in **MATHEMATICS 2 Quarter 1 Module 10** titled **"Illustrate and Apply the Properties of Addition using Sums up to 1000 "** was developed by SDO Tacurong with the primary objective of preparing for and addressing the demands of the MATATAG Curriculum. Contents of this module were based on DepEd's Learning Competencies anchored on the MATATAG Curriculum. This is supplementary material to be used by all learners of Tacurong City in all public schools beginning SY 2024-2025. The process of LR development was observed in the production of this module. This is version **1.0**. We highly encourage feedback, comments, and recommendations.

For inquiries or feedback, please write or call:

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