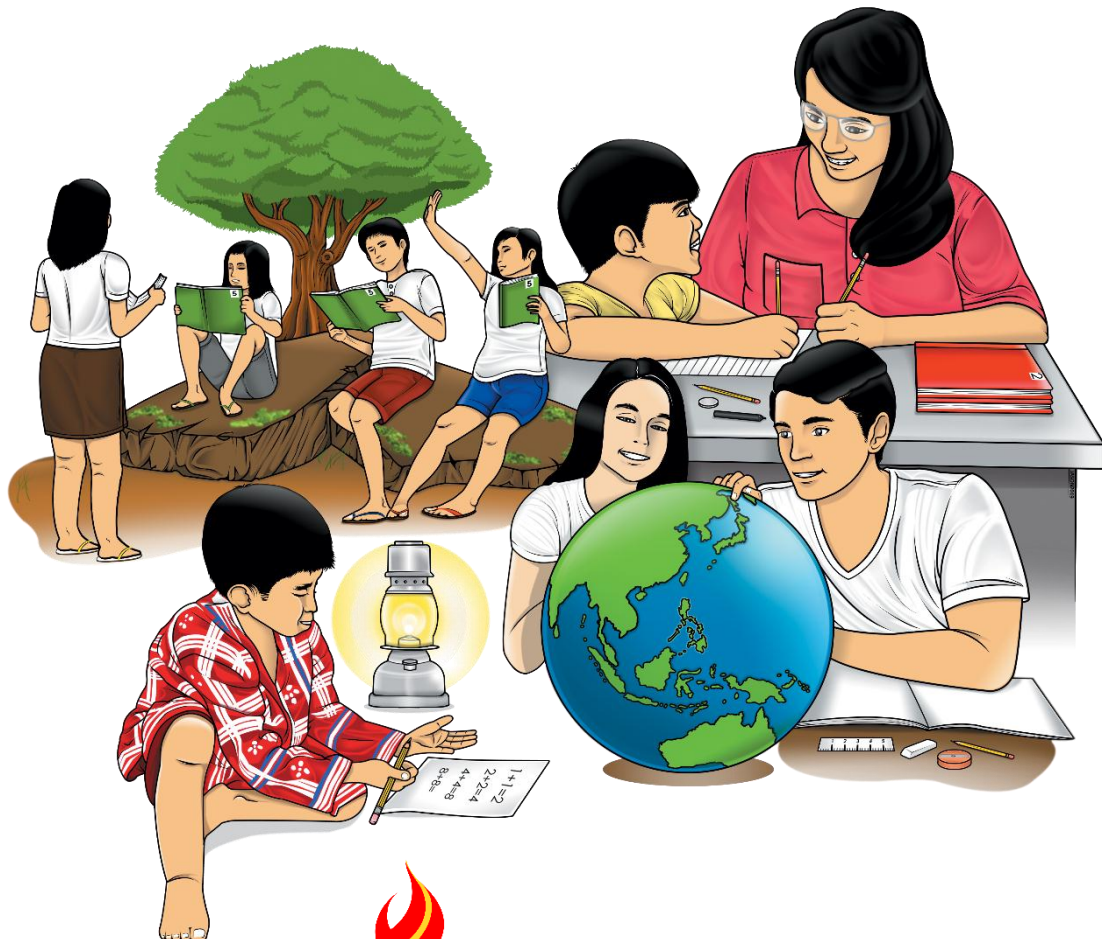


3

# Mathematics

## Quarter 1 – Module 8:

### Comparing Money through ₱1 000



**Mathematics – Grade 3**  
**Alternative Delivery Mode**  
**Quarter 1 – Module 8: Comparing Money through ₱ 1 000**  
**First Edition, 2020**

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Published by the Department of Education  
Secretary: Leonor Magtolis Briones  
Undersecretary: Diosdado M. San Antonio

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**Printed in the Philippines by \_\_\_\_\_**

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# Mathematics

Quarter 1 – Module 8:  
Comparing Money through ₱1 000

# Introductory Message

## For the facilitator:

Welcome to the Grade 3 Mathematics Alternative Delivery Mode (ADM) Module on **Comparing Money through P1 000!**

This module was collaboratively designed, developed and reviewed by educators both from public and private institutions to assist you, the teacher or facilitator in helping the learners meet the standards set by the K to 12 Curriculum while overcoming their personal, social, and economic constraints in schooling.

This learning resource hopes to engage the learners into guided and independent learning activities at their own pace and time. Furthermore, this also aims to help learners 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 the learners' progress while allowing them to manage their own learning. Furthermore, you are expected to encourage and assist the learners as they do the tasks included in the module.

## For the learner:

Welcome to the Grade 3 Mathematics Alternative Delivery Mode (ADM) Module on **Comparing Money through P1 000!**

This module was designed to provide you with fun and meaningful opportunities for guided and independent learning at your own pace and time. It was made easy for you to process the contents of the learning resource while being an active learner.

This module has the following parts and corresponding icons:



*What I Need to Know*

This will give 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 correct (100%), you may decide to skip this module.



*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 will be introduced to you in various ways such as 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 solidify your understanding and skills of 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 concerns.



### *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 will be given to you to enrich your knowledge or skill of the lesson learned.



### *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. Do not put unnecessary mark/s on any part of the module. Use a separate sheet of paper in answering the exercises.
2. Don't forget to answer *What I Know* before moving on to the other activities included in the module.
3. Read the instruction carefully before doing each task.
4. Observe honesty and integrity in doing the tasks and 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 answering the tasks in this module, do not hesitate to 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 deep understanding of the relevant competencies. You can do it.



## *What I Need to Know*

This module was designed and written with you in mind. It is here to help you learn the skill of comparing money through ₱1 000. The scope of this module permits it to be used in many different learning situations. The language used recognizes your diverse vocabulary backgrounds. The lessons are arranged to follow the standard sequence of the course but the order in which you read them can be changed to correspond with the Mathematics Grade 3 learning materials you are using.

After going through this module, you are expected to:

1. Compare values of the different denominations of coins and bills through ₱1 000.

Enjoy your journey. Good luck!





1. Which of the following bills has the highest value?

2. Which of the following bills has the lowest value?

3. Mother is planning to go to the market. She has one 200-peso bill and two 5-peso coin. How much money does she have?

- a. ₱ 220.00                      c. ₱ 200.00  
b. ₱ 205.00                      d. ₱ 210.00

4. How many 10-peso bill will you collect for you to earn ₱1 000.00?

- a. 100  
b. 200  
c. 300  
d. 400

## Lesson

### Compares Values of the Different Denominations of Coins and Bills through ₱1 000 using Relation Symbols



In this lesson, you are going to learn comparing money through ₱1 000 using relation symbols. This lesson also strengthens the skill in identifying the value of money in bills and coins as you have previously learned. The objective of the lesson is for you to compare values of the different denominations of coins and bills through ₱1 000.00. The value focuses on thriftiness. Follow the flow of the lessons sincerely and appreciate the concrete examples prepared for you for a better understanding of the concept. Hoping that you will enjoy the activities as you go on discovering and learning the concepts.












### *What's In*

In this section you are going to review and recall what you have previously learned.

Write the amount of the money below in symbol and in words.

Money	Symbol	Words
		
		

Money	Symbol	Words
		
		
		
		
		
		
		
		
		
		



## *What's New*

### Activity 1

Anika's teacher is asking the learners in their school to give financial donations for the earthquake victims in North Cotabato. At the end of the week, she listed all the collected donations from the different sections.

Section	Amount of Donations Collected
Bonifacio	₱ 200.00
Rizal	₱ 400.00
Mabini	₱ 100.00
Dagohoy	₱ 200.00
Aguinaldo	₱ 100.00

Answer the following questions:

1. Which section has the lowest donation?
2. Which section has the highest donation?
3. What is the total amount of donations collected?
4. Arrange the order of the sections with the highest to lowest amount of donations collected.















## *What is It*

Our lesson in this module is about comparing amount of money in coins and in bills, and determine if they are **greater than**, **less than** or **equal** to each other.

When comparing amounts of money, we use relation symbols  $<$  (less than),  $>$  (greater than), or  $=$  (equal).

Remember that comparing money is the same as comparing numbers. You already know how to compare numbers in the previous lessons. Shown below is the arrangement of money from highest to lowest amount.

Money	Value
	₱ 1 000.00
	500.00
	200.00
	100.00
	50.00
	20.00
	10.00
	5.00
	1.00
	0.25
	0.05
	0.01

From the chart previously shown, it is now easy to equate the value of money bills and coins as to the combination of other money.

Example:

7. There are four 25 cents to make 1 peso.



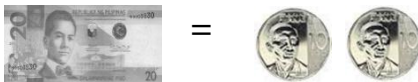
8. There are five 1-peso coin needed to make 5 pesos.



9. There are two 5-peso coins needed to make 10 pesos.



10. There are two 10-peso coins in ₱ 20.



11. There are two 20-peso bills and one 10-peso coin needed to make ₱ 50.



You may continue the combination up to ₱1 000. There are many ways to combine money bills and coins to equate to the amount of a certain money value.

It is important to master this skill to make it easier when we compare total amount of money combined.

Example: If Lucas has five 100 peso bill and Andrea has two 500-peso bills, we might want to know who has more money.

Lucas		= ₱ 500.00
Andrea		= ₱ 1 000.00

The picture shows that Andrea has more money since 1 000 is greater than ( $>$ ) 500.

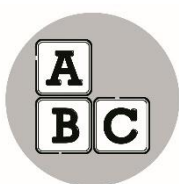
In comparing values of different denomination of bills and coins, the total amount should be determined first.

In comparing the digits, start from the biggest place value to the least place value. The value of each kind of bills and coins should be written, then add. In showing the relation of the value of money, the symbols  $>$ ,  $<$ , and  $=$  are used.

Example: Which is greater, ₱ 235.00 or ₱ 164.00?

In the given example, total amount of money is ₱164.00 and ₱235.00. Since 235 is greater than 164, we can say that

$\text{₱ } 235.00 > \text{₱ } 164.00.$



## *What's More*

### Activity 2

Compare the given amount. Write the symbol  $<$ ,  $>$ , or  $=$  in each box.

- |               |                      |          |
|---------------|----------------------|----------|
| 1. ₱ 330.00   | <input type="text"/> | ₱ 430.00 |
| 2. ₱ 1 000.00 | <input type="text"/> | ₱ 999.00 |
| 3. ₱ 870.00   | <input type="text"/> | ₱ 780.00 |
| 4. ₱ 745.00   | <input type="text"/> | ₱ 754.00 |






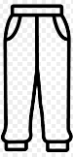


## *What I Have Learned*

1. The total amount should be determined first before comparing the value.
2. In comparing the digits, start from the biggest place value to the least place value.
3. The value of each kind of bills and coins should be written then add afterwards.
4. In showing the relation of the value of money, the symbols  $>$ ,  $<$ , and  $=$  are used.



## *What I Can Do*

Your mother has given you ₱ 150.00 as a gift on your birthday to buy any of the items below. Write in the box the symbol " $<$ " if the price of the item is **less than** your money, " $>$ " if **greater than** your money, or " $=$ " if the price is **equal** to your money.

	- ₱ 300.00	<input type="text"/>		- ₱ 150.00	<input type="text"/>
	- ₱ 80.00	<input type="text"/>		- ₱ 200.00	<input type="text"/>
	- ₱ 250.00	<input type="text"/>		- ₱ 50.00	<input type="text"/>



List down below the items asked by each column.

Items You Can Afford	Items You Cannot Afford



## Assessment

Compare the values of the different denominations of coins and bills using relation symbols:  $<$ ,  $>$ , and  $=$ . Write your answers on the space provided.

1.     
 \_\_\_\_\_ 

2.    \_\_\_\_\_ 

3.   \_\_\_\_\_ 

4.   \_\_\_\_\_  

5.   \_\_\_\_\_  



## *Additional Activities*

Write the combination of 3 different paper bills that when added will satisfy the symbol given.

1. ₱ \_\_\_\_\_ + ₱ \_\_\_\_\_ + ₱ \_\_\_\_\_ = ₱ 350.00

2. ₱ \_\_\_\_\_ + ₱ \_\_\_\_\_ + ₱ \_\_\_\_\_ > ₱ 1 650.00

3. ₱ \_\_\_\_\_ + ₱ \_\_\_\_\_ + ₱ \_\_\_\_\_ < ₱ 200.00



# Answer Key

<p>What's More</p> <p>Activity 2</p> <p>1. &lt; 2. &gt; 3. &gt; 4. &lt; 5. =</p>	<p>What's In</p> <p>P 1000 – one thousand pesos P 500 – five hundred pesos P 200 – two hundred pesos P 100 – one hundred pesos P 50 – fifty pesos P 20 – twenty pesos P 10 – ten pesos P 5 – five pesos P 1 – one peso P 0.25 – twenty-five centavos P 0.05 – five centavos P 0.01 – 1 centavo</p>	<p>What's New</p> <p>Activity 1</p> <p>1. Mabini &amp; Aguinaldo 2. Rizal 3. P1 000 4. Rizal Bonifacio Dagohoy Mabini Aguinaldo</p>								
<p>Additional Activities</p> <p>P200 + P100 + P50 = P 350.00 P1,000 + P500 + P200 &gt; P1,650.00 P100 + P50 + P20 &gt; P 200.00</p>	<p>What I Can Do?</p> <table><tr><td>&gt;</td><td>&gt;</td></tr><tr><td>&lt;</td><td>&lt;</td></tr><tr><td>&gt;</td><td>&gt;</td></tr><tr><td>=</td><td>=</td></tr></table> <p>can afford: slippers shirt yoyo</p> <p>can't afford: shoes umbrella pants</p>	>	>	<	<	>	>	=	=	<p>Assessment</p> <p>1. &gt; 2. &lt; 3. = 4. &gt; 5. &lt;</p>
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