

5

# Learning Activity Sheet for Mathematics 5

Quarter 1

Lesson

1

**Worksheet for Mathematics Grade 5**  
**Quarter 1: Lesson 1**  
**SY 2024-2025**

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<p><b>Development Team</b></p> <p><b>Writer:</b></p> <ul style="list-style-type: none"><li>• Kimberly G. Mallari, Ph.D. (City College of San Fernando Pampanga)</li></ul> <p><b>Validator:</b></p> <ul style="list-style-type: none"><li>• Aurora B. Gonzales, Ph.D. (Philippine Normal University)</li></ul> <p><b>Management Team</b> Philippine Normal University Research Institute for Teacher Quality SiMMER National Research Centre</p>
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**LEARNING ACTIVITY SHEET**

<b>Learning Area:</b>	Mathematics	<b>Quarter:</b>	1 <sup>st</sup> Quarter
<b>Lesson No.:</b>	1	<b>Date:</b>	
<b>Lesson Title/ Topic:</b>	<i>Describing a 12- and 24-hour time.</i>		
<b>Name:</b>		<b>Grade &amp; Section:</b>	

**I. Activity No.1:****II. Objective(s):**

1. *Describe a 12- and 24-hour time.*

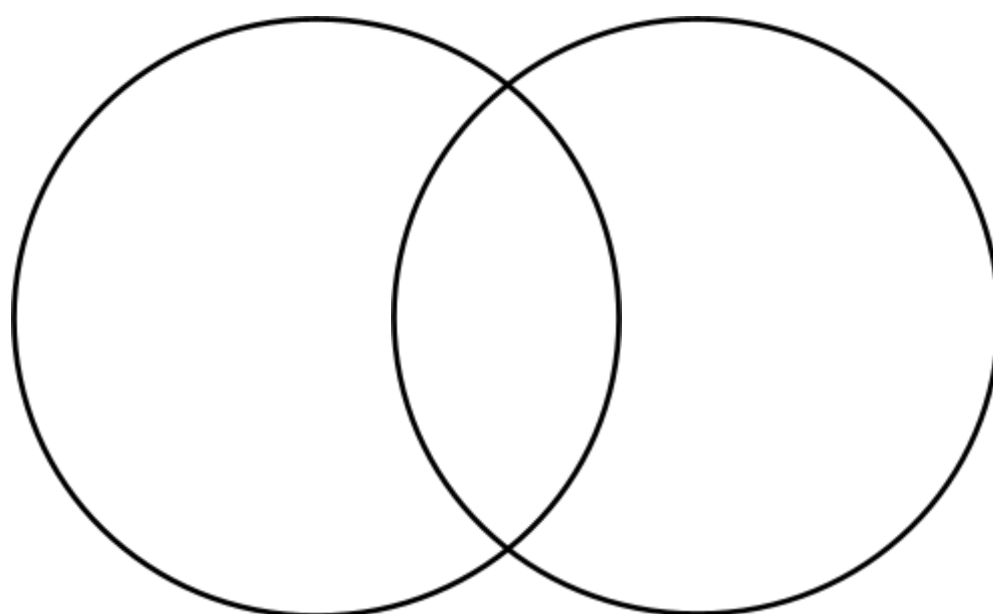
**III. Materials Needed:** Paper and Pen**IV. Instructions:**

Compare and contrast 12- and 24-hour time formats using a Venn diagram. Place the words from the box into the appropriate sections of the diagram.

Ante Meridiem	Post Meridiem
International Standard Format	two equal periods in a day
Military Time	1 period in a day
Used to indicate time	Way to communicate time

12-hour Time

24-hour Time



**LEARNING ACTIVITY SHEET**

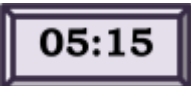
<b>Learning Area:</b>	Mathematics	<b>Quarter:</b>	1 <sup>st</sup> Quarter
<b>Lesson No.:</b>	1	<b>Date:</b>	
<b>Lesson Title/ Topic:</b>	<i>Converting 12- and 24-hour time, and vice versa.</i>		
<b>Name:</b>		<b>Grade &amp; Section:</b>	

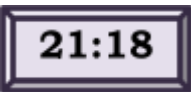
**I. Activity No.2:****II. Objective(s):**

1. Convert 12- and 24-hour time, and vice versa.

**III. Materials Needed:** Paper and Pen**IV. Instructions:**

A. Convert the following in 12-hour time format.

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

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

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

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

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

B. Convert the following in 24-hour time format.

1. 6:10 PM \_\_\_\_\_

2. 12:50 AM \_\_\_\_\_

3. 4:35 AM \_\_\_\_\_

4. 10:58 AM \_\_\_\_\_

5. 3:37 PM \_\_\_\_\_

**LEARNING ACTIVITY SHEET**

<b>Learning Area:</b>	Mathematics	<b>Quarter:</b>	1 <sup>st</sup> Quarter
<b>Lesson No.:</b>	1	<b>Date:</b>	
<b>Lesson Title/ Topic:</b>	<i>Solving word problems involving 12- and 24-hour time.</i>		
<b>Name:</b>		<b>Grade &amp; Section:</b>	

**I. Activity No.3:****II. Objective(s):**

- Solve word problems involving 12- and 24-hour time.*

**III. Materials Needed:** Paper and Pen**IV. Instructions:**

Solve the following word problem.

- Kate will visit her family in Cebu next month. When she booked her flight, the time indicated on the flight detail was 20:45. What time is that in the 12-hour format?
- Kim gave her best friend a call at 9:05 in the morning. What time is that in the 24-hour format?
- Irene plans to take a bus to visit her friend. Her bus is scheduled to depart at 11:30 AM. However, due to traffic, the bus left 2 hours and 10 minutes later than the scheduled time.
  - What time will Irene's bus depart from the bus terminal? Express the answer in 12-hour and 24-hour time formats.
  - If the bus ride typically takes 2 hours and 25 minutes, what time will the bus arrive at her friend's town? Express the answer in 12-hour and 24-hour time formats.

**LEARNING ACTIVITY SHEET**

<b>Learning Area:</b>	Mathematics	<b>Quarter:</b>	1 <sup>st</sup> Quarter
<b>Lesson No.:</b>	1	<b>Date:</b>	
<b>Lesson Title/ Topic:</b>	<i>12- and 24-hour time.</i>		
<b>Name:</b>		<b>Grade &amp; Section:</b>	

**I. Activity No.4:****II. Objective(s):**

1. Describe a 12- and 24-hour time.
2. Convert 12- and 24-hour time, and vice versa.
3. Solve word problems involving 12- and 24-hour time.

**III. Materials Needed:** Paper and Pen**IV. Instructions:**

A. Complete the table.

No.	12-Hour Time	24-Hour Time
1	6:01 AM	
2		12:00
3		00:00
4	1:59 AM	
5		17:44
6	10:15 PM	
7	3:40 PM	
8		02:20
9		23:54
10	12:30 AM	

**B.** Solve the given word problems.

1. Theodore has ordered some food through an online platform and plans to pick them up at 5:45 p.m. However, the platform he uses operates in a 24-hour time format. What time should he input on the platform to ensure he can pick up his order at his preferred time?
  
  
  
  
  
  
  
  
  
  
2. Kim was working on her project that she had not noticed the passing of time. When she checked the time on her phone, it was already 00.29. What time was that in the 12-hour format?
  
  
  
  
  
  
  
  
  
  
3. Sebastian boarded a train at 7:50 AM to travel from Province A to Province B. The train was supposed to take 3 hours and 25 minutes to reach its destination. However, due to unexpected delays, the train left later than planned and arrived at Province B at 13:30 as per the station clock.
  - a. What time did the train leave Province A in a 24-hour format?
  
  
  
  
  
  
  
  
  
  
  - b. How many hours and/or minutes late was the arrival of the train in Province B as compared to its scheduled arrival time?
  
  
  
  
  
  
  
  
  
  
  - c. Sebastian has to catch another train to Province C which will depart at exactly 2:20 PM. Will he make it in time?