

MATHEMATICS

Quarter 4 - Module 5

Read and Write Time in Hours and
Minutes, (using a.m. and p.m.) and
Solve Problems Involving Elapsed Time
Including Timetables



MATHEMATICS - Grade 2

Quarter 4 - Module 5 Read and Write Time in Hours and Minutes, (using a.m. and p.m.) and Solve Problems Involving Elapsed Time Including Timetables
Self-Learning Module (SLM)

MATATAG Curriculum

First Edition, 2025

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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's 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 question about 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 Describe the Duration of an Event in Terms of Number of Days and/or Weeks using a Calendar!

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 instruction 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 Math Grade 2 Self-Learning Module on Read and Write Time in Hours and Minutes, (using a.m. and p.m.) and Solve Problems Involving Elapsed Time Including Timetables!

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

Read and Write Time in Hours and
Minutes, (using a.m. and p.m.) and
Solve Problems Involving Elapsed Time
Including Timetables



What I Need to Know

Good day, children!

I would like to inform you that this module will help you learn more about time.

We are now in module 5. This module is divided into two lessons.

Lesson 1. Read and write time in hours and minutes, with a.m. and p.m., using an analog clock.

Lesson 2. Solve problems involving elapsed time (minutes in an hour, hours in a day, days in a week), including timetables.

Are you ready to master the clock? Let us begin!

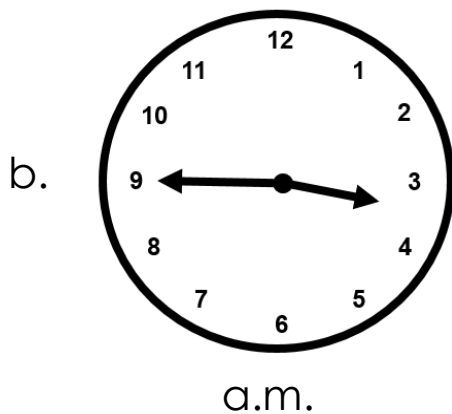
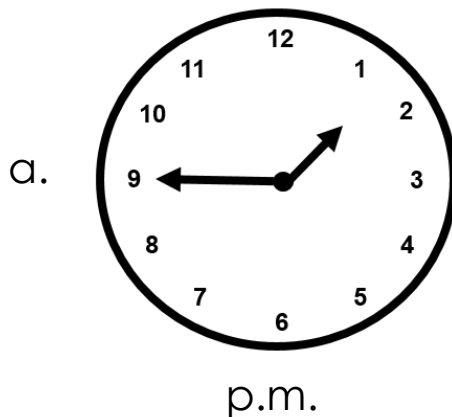


What I Know

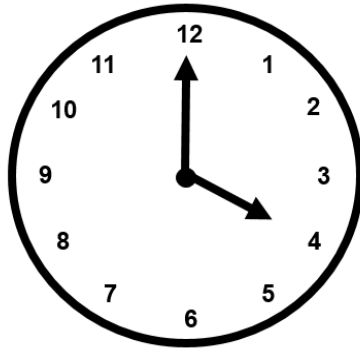
Before we start our lesson, let us see how much you already know.

Directions: Look at the analog clock and answer the following questions. Choose the letter of the correct answer.

1. Which of the clock shows 1:45 p.m.?

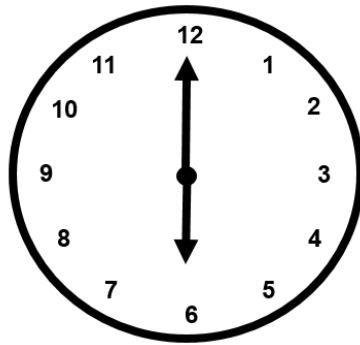


c.



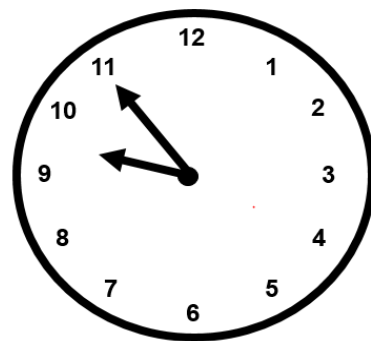
p.m.

d.



p.m.

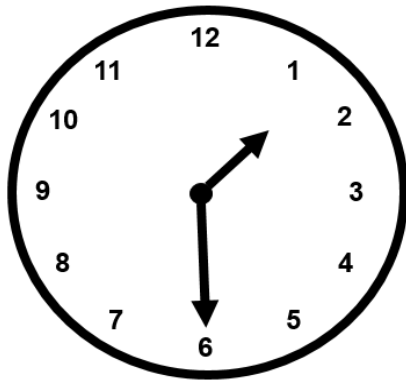
2. What time does the clock show?



a.m.

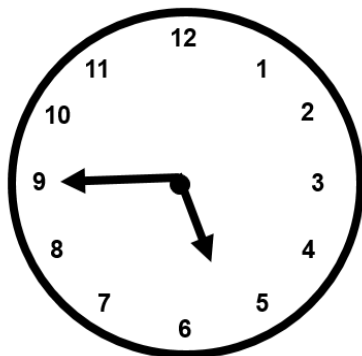
- a. 55 minutes after 9 in the morning.
- b. 55 minutes before 9 in the afternoon.
- c. 45 minutes after 11 in the morning.
- d. 45 minutes after 10 in the afternoon.

3. Write the time of the analog clock.



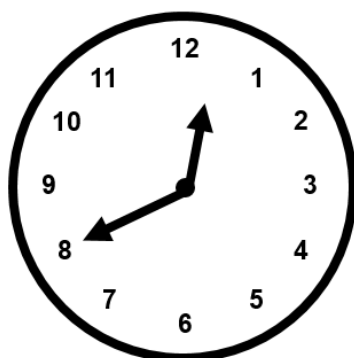
- a. 30 minutes after 1 in the morning.
- b. 30 minutes after 1 in the afternoon.
- c. 40 minutes after before 2 in the morning.
- d. 55 minutes after in the afternoon.

4.



_____a.m

5.



_____p.m.

Lesson 1 - Read and Write Time in Hours and Minutes, with a.m. and p.m., Using an Analog Clock



What's In

In your previous lesson, you have learned about the duration of an event in terms of the number of days and /or weeks using a calendar. Let us try how you remember your past lessons well.

Directions: Use the calendar below to answer the questions. Choose the letter of the correct answer.

OCTOBER						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

1. How many days are there from October 25 to October 31?
 - a. six days
 - b. seven days
 - c. five days
 - d. eight days
2. How many days are there between October 3 and October 18?
 - a. 15 days
 - b. 16 days
 - c. 14 days
 - d. 17 days
3. What day is two days before October 16?
 - a. Monday
 - b. Tuesday
 - c. Wednesday
 - d. Thursday
4. If today is Wednesday, what day will it be seven days later?
 - a. Tuesday
 - b. Wednesday
 - c. Monday
 - c. Thursday
5. If today is Thursday, what day will it be 12 days later?
 - a. Monday
 - b. Tuesday
 - c. Wednesday
 - d. Saturday



What's New

Being ready and on time is the first step to a successful and fun day at school!

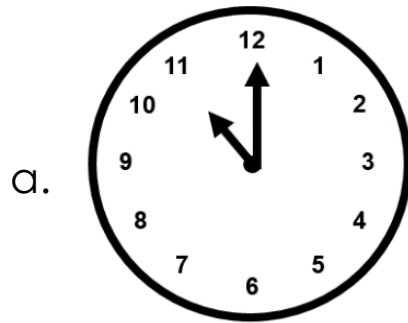
Let's read the dialogue below.



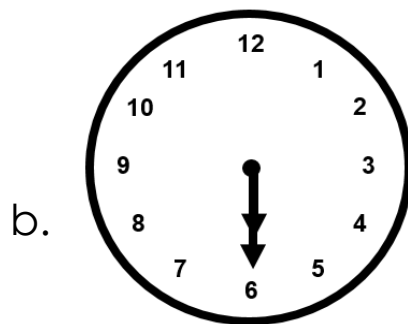
Directions: Read the questions carefully and choose the letter of the correct answer.

1. What time will Uncle fetch Ana and Roy?
 - a. 6:30 a.m.
 - b. 11:00 a.m.
 - c. 12:00 p.m.
 - d. 6:00 p.m.
2. What time will they go home for lunch?
 - a. 12:00 p.m.
 - b. 11:00 a.m.
 - c. 10:30 a.m.
 - d. 12:30 p.m.

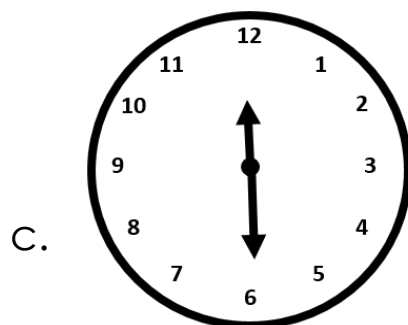
3. Which of these clocks shows the time they will go home for lunch?



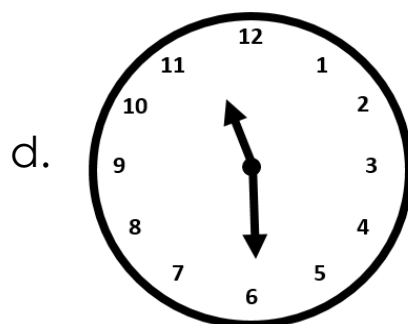
a.m.



a.m.



p.m

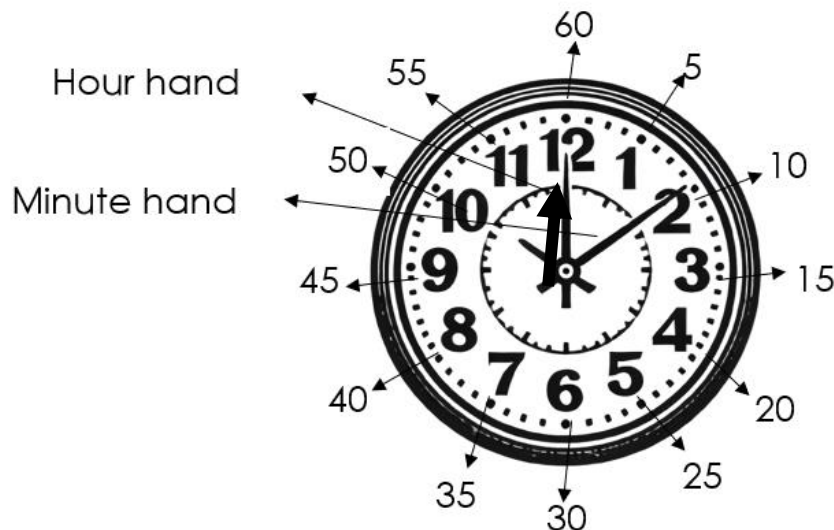


p.m.



What is It

Study the analog clock.



The clock has 12 numbers that tell **time**. It also has hands. The **short hand tells the hours**, and the **long hand tells the minutes** after the hour.

The clock above shows 12:10. The short hand points to 12 and the long hand points to 10.

Daytime and nighttime last 12 hours each. We **use a.m. to tell time in the morning** and **p.m. to tell time in the afternoon or evening**.



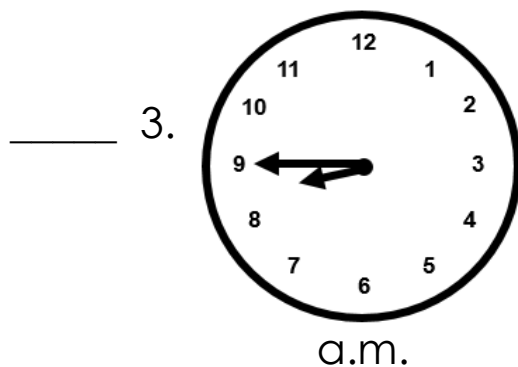
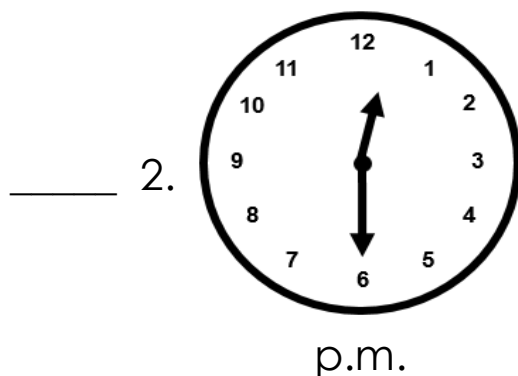
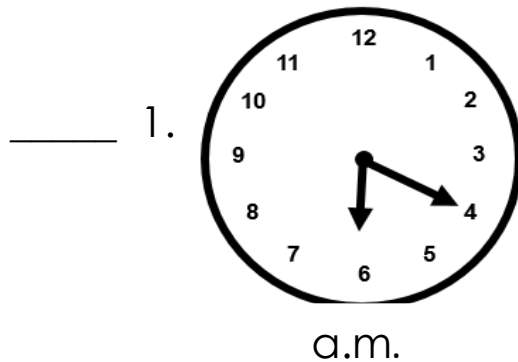
What's More

Great Job!

Now, let us learn more about our lesson.

Directions: Match column A with column B. Choose the letter of the correct answer.

Column A



Column B

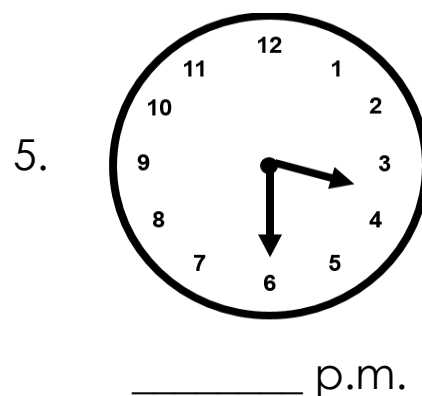
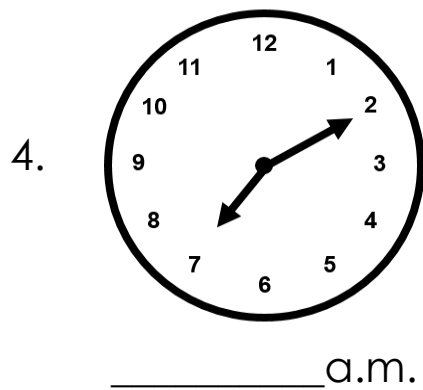
a. 8:45 a.m.

b. 6:20 a.m.

c. 12:30 p.m.

d. 12:30 a.m.

B. Write the time shown on the clock.



What I have learned

Knowing the time means you will always be on time for school, meals, and playtime.

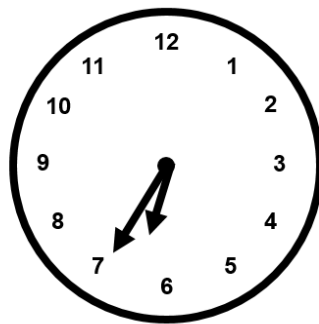
Let us summarize what you have learned about time.

Directions: Read the problem. Choose the letter of the correct answer.

1. The shorthand of the clock is on 5 in the morning, and the long hand is on 12. What is the time?
 - a. 5:00 a.m.
 - b. 5:00 p.m.
 - c. 12:05 a.m.
 - d. 12:05 p.m.
2. If the time is 6:15 in the evening, how do we write it?
 - a. 6:15 a.m.
 - b. 6:15 p.m.
 - c. 6:15 midnight
 - d. 7:15 noontime

3. What is the time if the short hand is pointing at nine and the long hand is pointing at 6 in the evening?
- a. 6:09 a.m.
 - b. 6:09 p.m.
 - c. 9:30 a.m.
 - d. 9:30 p.m.
4. If it's 12:00 in the afternoon, how do you write it?
- a. 12:00 p.m.
 - b. 12:00 a.m.
 - c. 12 noon
 - d. 12:00 midnight
5. What time does the clock show?

- a. 5:30
- b. 6:35
- c. 7:30
- d. 8:30

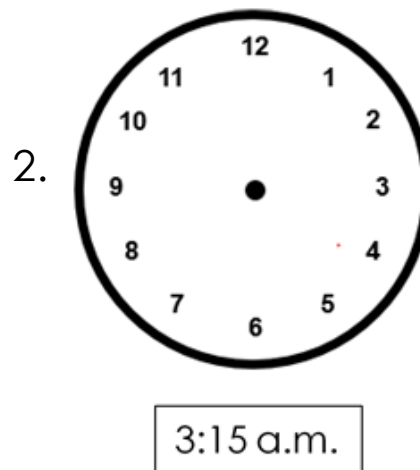
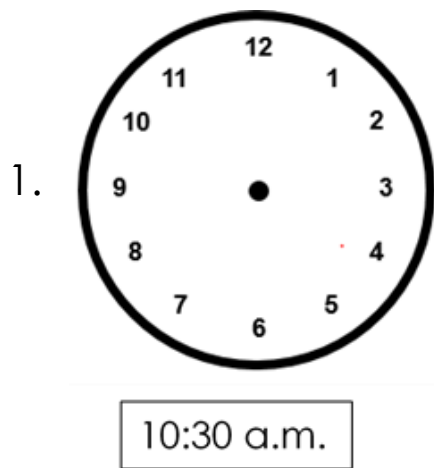


What I can do

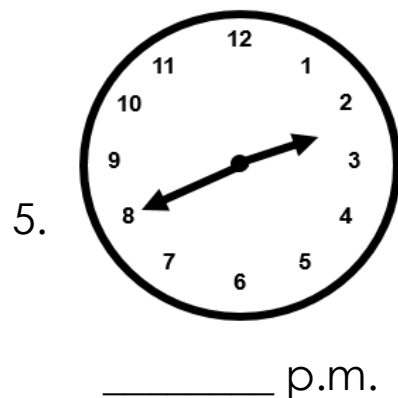
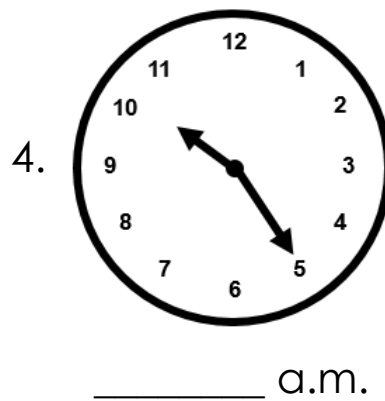
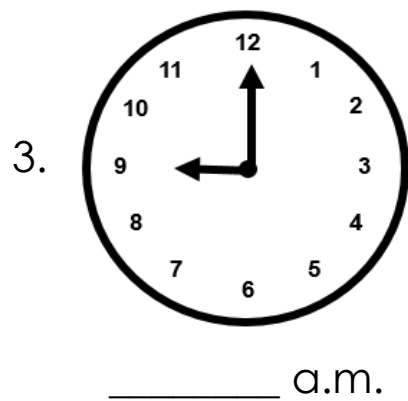
Let us show what you know!

Drawing time on the clock is like creating a story for your day! Can you create your own story? Try this.

Directions: Show the correct time by drawing the hands on the clock.



Write the time shown on the clock





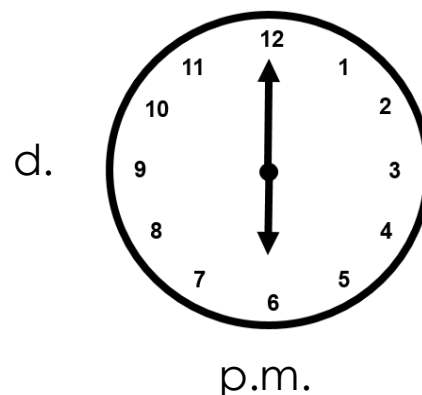
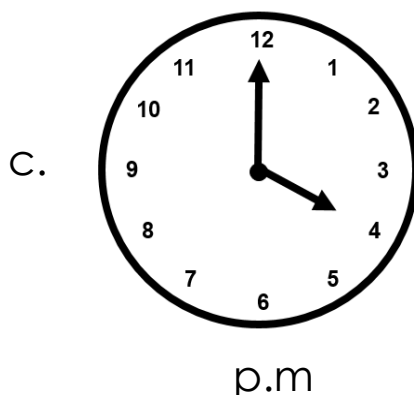
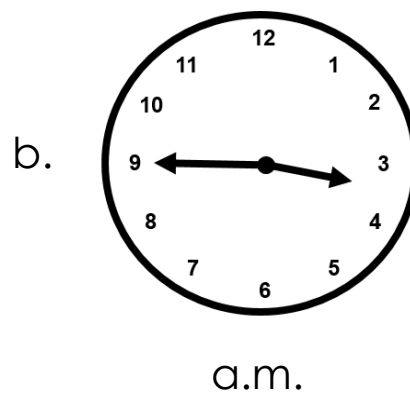
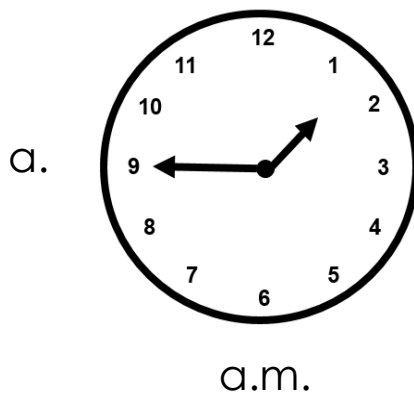
Assessment

Good job kid!

Let us test how much you have learned from our lessons.

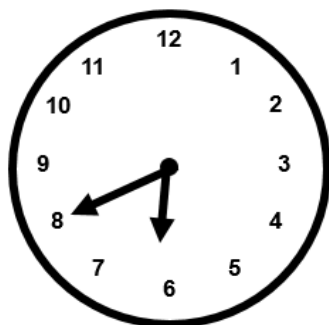
Directions: Look at the analog clock. Choose the letter of the correct answer.

1. Which of the clocks shows 3:45 a.m.?



What time does the clock show?

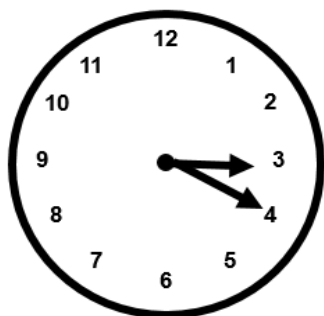
2.



a.m.

- a. Forty minutes after 6 in the morning
- b. Forty minutes before 6 in the evening
- c. Thirty minutes after 8 in the morning
- d. Thirty minutes before 8 in the evening

3.

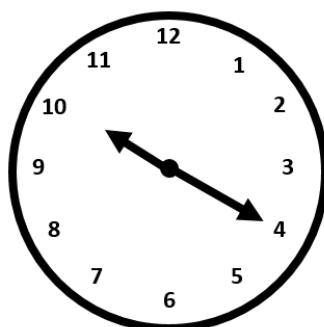


p.m.

- a. Twenty minutes after 3 in the morning
- b. Twenty minutes after 3 in the afternoon
- c. Fifteen minutes before 4 in the morning
- d. Fifteen minutes after 3 in the evening

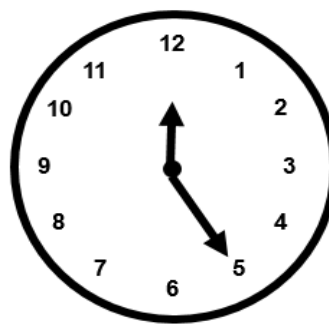
Write the time shown on the analog clock.

4.



_____ a.m.

5.



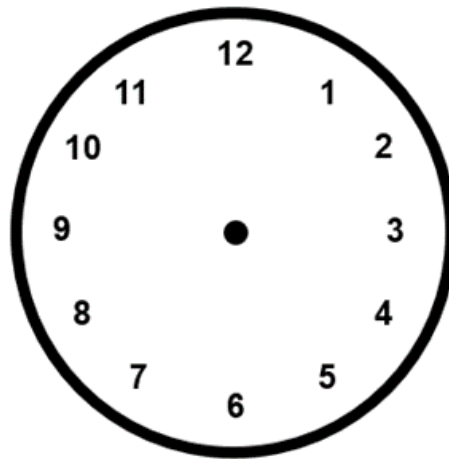
_____ p.m.



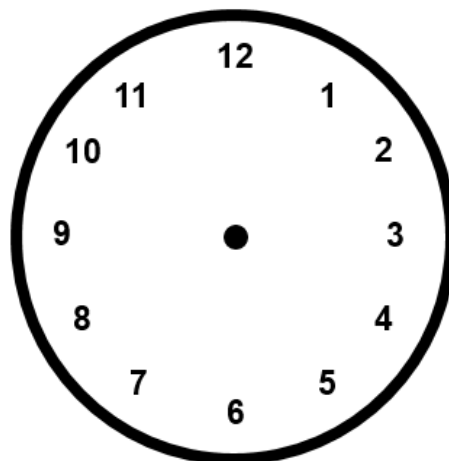
Additional Activities

What time do you wake up and go home? Plan your day!

Directions: Draw the hour and minute hand on the clock to show when you go to school in the morning and go home in the afternoon, then write the correct time.



a. I go to school in the morning at _____ a.m.



b. I go home in the afternoon at _____ p.m.

Lesson 2 – Solve Problems Involving Elapsed Time Including Timetables.



What I Know

Let us see how much you already know!

Imagine solving these problems is like finding clues to a fun mystery!

Directions: Read the questions carefully. Choose the letter of the correct answer.

1. Anna read her storybook for 30 minutes. She finished at 2:30. What time did she start reading the book?
 - a. 1:15
 - b. 2:00
 - c. 2:45
 - d. 3:00
2. The walk to the market takes 20 minutes. Maria left home at 6:40. What time did she arrive at the market?
 - a. 6:00
 - b. 6:30
 - c. 7:00
 - d. 7:20

3. If mother started cooking at 6:00 and finished at 7:00.
How much did she spend cooking?
- a. 1 hour
 - b. 2 hours
 - c. 3 hours
 - d. 4 hours
4. Today is Monday, and it's Ben's birthday. What day will
it be after three days?
- a. Tuesday
 - b. Wednesday
 - c. Thursday
 - d. Friday
5. The farmers started planting rice on Saturday and
finished after two days. What day was it?
- a. Monday
 - b. Tuesday
 - c. Wednesday
 - d. Saturday



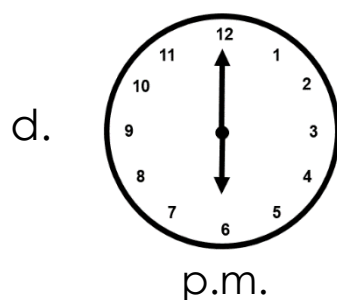
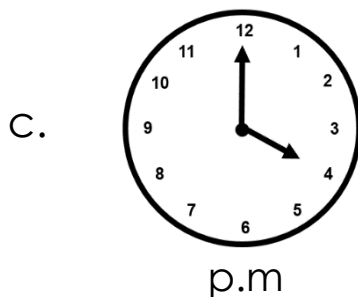
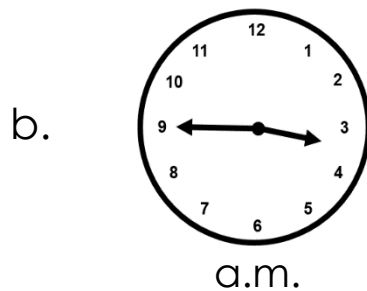
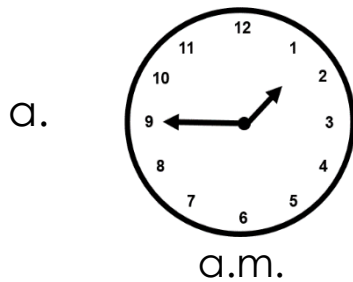
What's In

Can you read the clock and write the correct time?

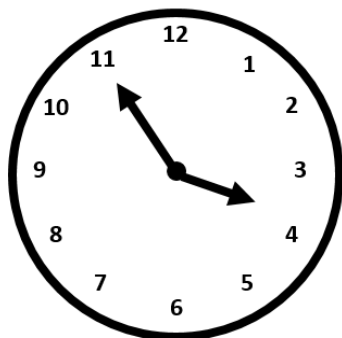
Let us try this!

Directions: Look at the analog clock. Choose the letter of the correct answer.

1. Which of the clocks shows 4:00 p.m.?



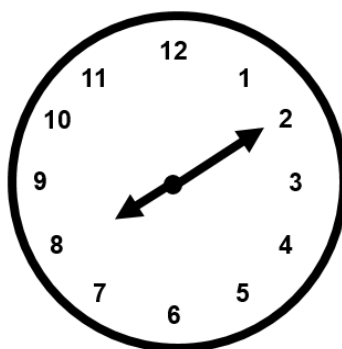
2. What time does the clock show?



p.m.

- a. 55 minutes after 3 in the morning.
- b. 55 minutes before 3 in the afternoon
- c. 50 minutes after 11 in the morning.
- d. 40 minutes after 3 in the afternoon

3.

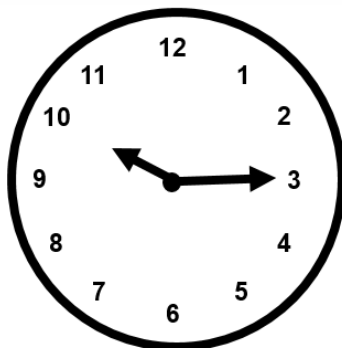


a.m.

- a. 10 minutes before 8 in the morning
- b. 10 minutes after 8 in the morning
- c. 40 minutes before 2 in the afternoon
- d. 40 minutes after 2 in the evening

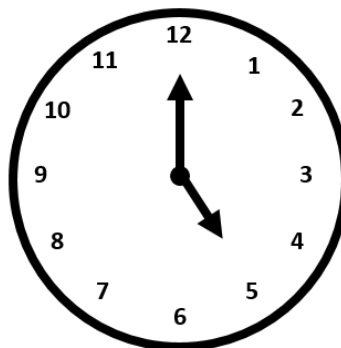
Write the time shown in the clock.

4.



_____ a.m.

5.



_____ p.m.



What's New

Let us follow Dante's schedule and see how he organizes his day!

Directions: Read Dante's morning class schedule, then answer the problems below.

Time	Morning Class Schedule
7:00-7:30	Flag Ceremony
7:30-8:30	Math
8:30-9:30	English
9:30-10:00	Recess
10:00-11:00	Filipino
11:00-12:30	Lunch break

1. What time does Dante need to be in school?
 - a. 7:00 a.m.
 - b. 7: 15 a.m.
 - c. 7:30 a.m.
 - d. 8:00 a.m.
2. How many minutes will they spend on their flag ceremony?
 - a. 10 minutes
 - b. 15 minutes
 - c. 25 minutes
 - d. 30 minutes

3. How long will they spend their recess?
 - a. 15 minutes
 - b. 20 minutes
 - c. 25 minutes
 - d. 30 minutes
4. How long is Dante's Math class?
 - a. 1 hour
 - b. 2 hours
 - c. 3 hours
 - d. 4 hours
5. What time will Dante start his lunch break?
 - a. 8:00 a.m.
 - b. 9:00 a.m.
 - c. 10:00 a.m.
 - d. 11:00 a.m.



What is It

Time is what we use to know when things happen, like when we wake up, eat lunch, or go to bed. It helps us see what comes first and what comes next.

Understanding time helps you plan your day better!
Let us explore how to measure time in minutes, hours, and days!

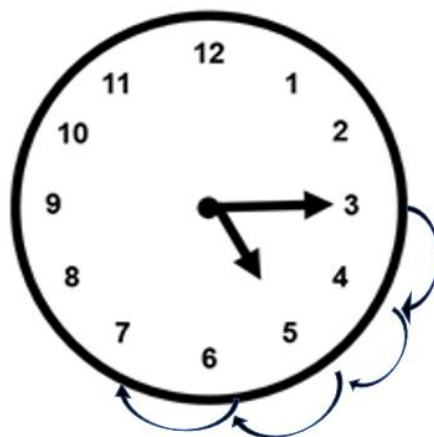
Time can be measured in:

- Weeks
- Days
- Hours
- Minutes
- A week is longer than an hour.
- A day is longer than an hour.
- An hour is longer than a minute.

Table of Time Measure
60 minutes = 1 hour
24 hours = 1 day
7 days = 1 week

A. Elapsed time in minute

Nena started to walk to school at 5:15 a.m. She arrived at 5:35 a.m. How many minutes did she spend walking?



Use a toy clock. Count on by 5s from 5:15 to 5:35.
Answer: Anna spent 20 minutes walking.

B. Elapsed time in hours

Mother went to the mall to buy groceries at 11:00 in the morning. She arrived at 1:00 in the afternoon. How many hours did she spend in the mall?



Use a toy clock. Count from 11:00 a.m. to 1:00 p.m.

Answer: Mother spent 2 hours in the mall.

C. Elapsed time in Days

My uncle Norman went on a trip on Friday. He travelled for four days. What day did he finish his trip?

OCTOBER						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Use a calendar. Count 4 days after Friday.

Answer: My uncle Norman finished his trip on Tuesday.



What's More

Time to put on your thinking cap!

These problems are like little adventures in your day. Let's solve it!

Directions: Choose the letter of the correct answer.

1. The children went swimming for 30 minutes. They ended at 7:30 a.m. What time did they start swimming?
 - a. 6:30 a.m.
 - b. 7:00 a.m.
 - c. 7:30 a.m.
 - d. 8:00 a.m.
2. Francis went to school at 12:30 p.m. and arrived home at 4:30 p.m. How many hours was he in school?
 - a. 3 hours
 - b. 4 hours
 - c. 5 hours
 - d. 6 hours
3. You arrived at your friend's house at 2:00 p.m. and left at 5:00 p.m. How many hours did you stay there?
 - a. 2 hours
 - b. 3 hours
 - c. 4 hours
 - d. 5 hours

4. My grandmother went on Christmas vacation from December 20 to December 28. How many days was she away?
- a. six days
 - b. seven days
 - c. eight days
 - d. nine days
5. The boys' scouts attended the training at the provincial camp for five days. They started on Friday. What day of the week did it end?
- a. Monday
 - b. Tuesday
 - c. Wednesday
 - d. Thursday



What I have learned

Great job!

Now you know how to use time to solve problems. Isn't it fun to see how time works in your day?

You have learned how to answer problems requiring elapsed time. You now know that:

- There are 60 minutes in an hour, 24 hours in a day, and seven days in a week.
- You can use timetables to calculate how much time activities require and to see the difference between start and end hours.



What I can do

Using a timetable is like organizing your very own schedule! Let's do again another activity using a timetable.

Are you ready?

Directions: Use the timetable to answer the questions.
Choose the letter of the correct answer.

Activity	Start Time	End Time
Breakfast	7:00 a.m.	7:30 a.m.
School	8:00 a.m.	3:00 p.m.
Playtime	4:00 p.m.	5:00 p.m.

1. How long does breakfast last?
 - a. 15 minutes
 - b. 25 minutes
 - c. 30 minutes
 - d. 45 minutes
2. How many hours are spent at school?
 - a. 5 hours
 - b. 6 hours
 - c. 7 hours
 - d. 8 hours
3. How long is spent for playtime?
 - a. 30 minutes
 - b. 45 minutes
 - c. 1 hour
 - d. 2 hours

4. Mara was absent on Tuesday because she got sick. She attended her class on Thursday. How many days was she absent?

- a. one day
- b. two days
- c. three days
- d. four days

OCTOBER						
Sun	Mon	Tues	Wed	Thurs	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	18
20	21	22	23	24	25	26
27	28	29	30	31		

5. If Mara attended her classes on Tuesday. What day would it be after six days?
- a. Monday
 - b. Tuesday
 - c. Wednesday
 - d. Friday



Assessment

You are almost there! This is your final challenge!

Can you solve these real-life time puzzles?

Directions: Solve the word problems. Choose the letter of the correct answer.

1. Hannah reviews her math lesson for 25 minutes if she begins at 7:00 in the evening. When will she finish her review?
- a. 7:25 p.m.
 - b. 7:35 p.m.
 - c. 7:45 p.m.
 - d. 7: 55 p.m.

2. If a game starts at 3:00 p.m. and lasts for 2 hours, what time will it end?
- a. 5:00 p.m.
 - b. 4:00 p.m.
 - c. 6:00 p.m.
 - d. 3:00 p.m.
3. If it's Monday today, what day will it be five days from now?
- a. Friday
 - b. Saturday
 - c. Sunday
 - d. Monday
4. How many hours are there between 9:00 a.m. and 3:00 p.m.?
- a. 3 hours
 - b. 6 hours
 - c. 7 hours
 - d. 8 hours
5. If a movie starts at 2:30 p.m. and ends at 4:00 p.m., how long is the movie?
- a. 1 hour
 - b. 2 hours
 - c. 3 hours
 - d. 1 hour and 30 minutes



Additional Activities

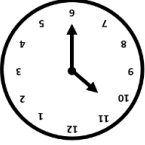
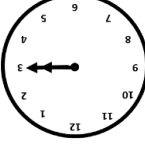
Think about your daily routine!

Write the times to see how you spend your day!

Activities	Start Time	End Time
Take a bath		
Breakfast		
Go to school		
Lunch		
Dinner		

Answer Key

Lesson 1

What I Know 1. a 2. a 3. a 4. 5:45 a.m. 5. 12:40 p.m.	What's In 1. b 2. a 3. a 4. b 5. b	What's New 1. a 2. b 3. a	What's More 1. b 2. c 3. a 4. 7:10 a.m. 5. 3:30 p.m.
What I Have Learned 1. a 2. b 3. c 4. a 5. b	What I Can Do 1.  2. 		Assessment 1. b 2. a 3. b 4. 10:20 a.m. 5. 12:25 p.m.

Lesson 2

What I Know 1. d 2. c 3. a 4. c 5. a	What's In 1. c 2. a 3. b 4. 10:15 a.m. 5. 5:00 p.m.	What's New 1. a 2. d 3. b 4. a 5. d	What's More 1. b 2. b 3. b 4. c 5. b	What I Can Do 1. c 2. c 3. c 4. a 5. a	Assessment 1. a 2. a 3. b 4. b 5. c
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References

De lara, Ruth, G., Ed. D.2011. Discovering mathematics Today. Mandaluyong City: Merryland Publishing Corporation.

Samson, Dainty, T., 2007. Hypermath 2. Pantoc, Meycauayan: trinitas Publishing, incorporated.

Catud, Herminio, Jose, C., 2013, Mathematics, Kagamitan ng mag-aaral: Tagalog; Department of Education.

Sapin,Patricia,Villanueva, M.J.2nd Ed.1999.New Challenges,A worktext in Math 2:Instructional Coverage System Publishing, Incorporated.

DISCLAIMER

This Self-learning Module (SLM) in **MATHEMATICS 2 - Quarter 4 Module 5** titled **"Read and Write Time in Hours and Minutes, (using a.m. and p.m.) and Solve Problems Involving Elapsed Time Including Timetables"** 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 a 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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