



2nd  
Basic

3rd  
Advanced

# Helping With Math

USA  
GRADES

Measures of Time (days, weeks, months, and years)

*Suitable for students*  
**aged 6-8**



This pack is suitable for learners aged 6-8 years old or 2nd to 3rd graders (USA). The content covers fact files and relevant basic and advanced activities involving measures of time (days, weeks, months, and years).

## Key Concepts:

- Time is the ongoing sequence of events taking place.
- The basic unit of time is second. It can also be expressed in minutes, hours, days, weeks, months, and years.
- We can measure time using clocks.
- We can count the number of days, weeks, and years using calendar.
- Time is useful in scheduling and determining our daily tasks such as studying time, working time, etc.



Earl enjoys reading and studying. His first exam will be two weeks from now. How many days does Earl have to prepare for his examination?

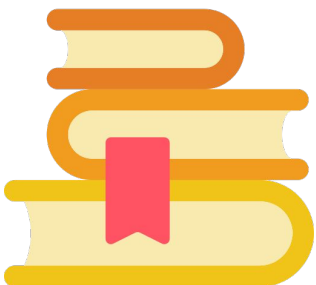
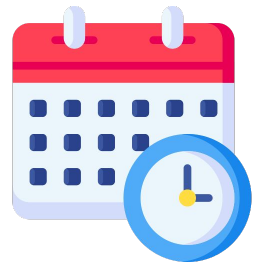


## UNITS OF TIME

- A day has 24 hours.
- A week has 7 days.
- A month commonly has 4 weeks.
- A year has 12 months.
- A decade has 10 years.
- A century has 100 years.



- We know that there are 12 months in a year.
- The months of January, March, May, July, August, October and December have 31 days.
- The months of April, June, September and November have 30 days.
- The month of February has 28 or 29 days.
- In a week there are 7 days.
- 1 day is equal to 24 hours.

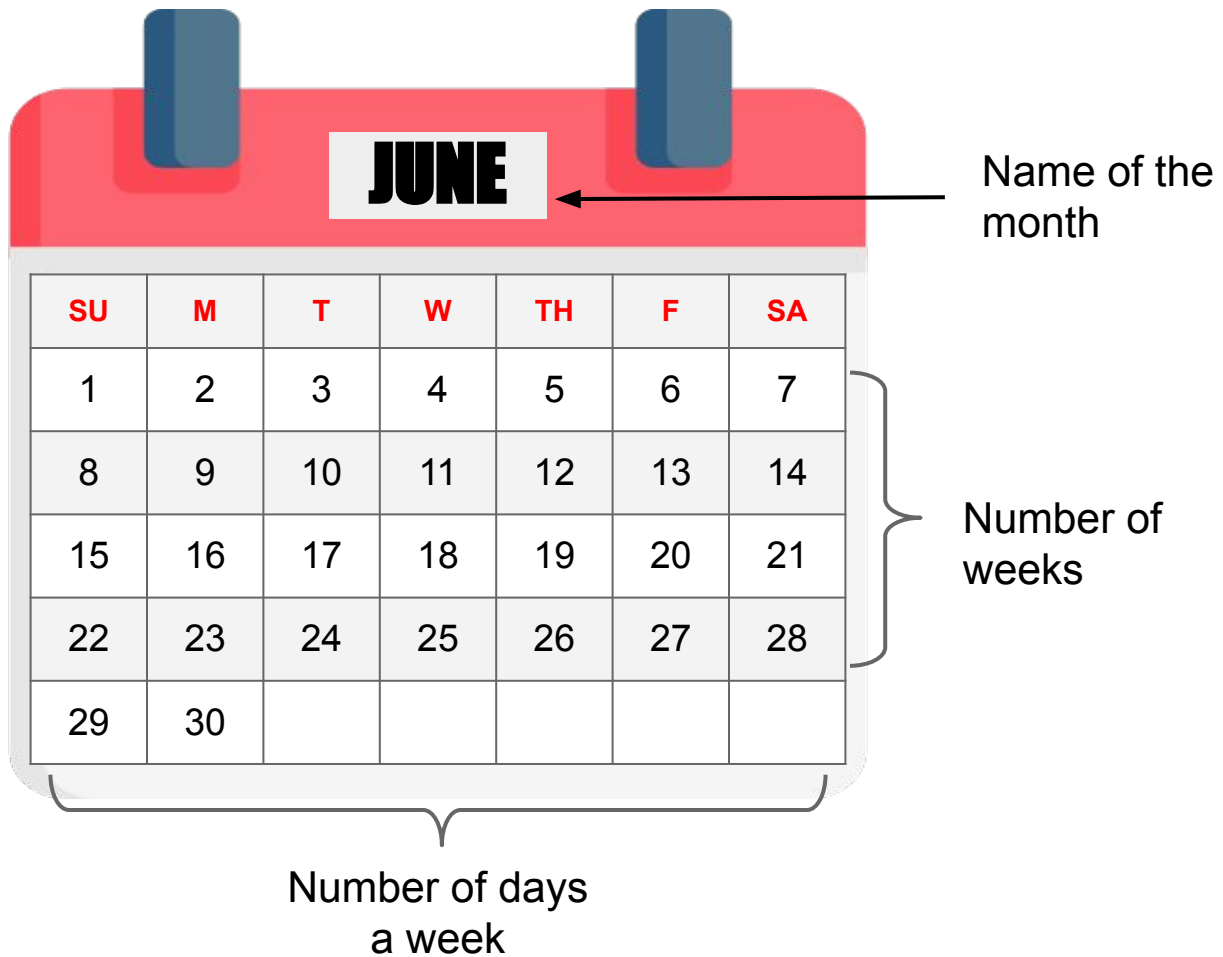


### Trivia:

The year which has 366 days is called a **leap year**. In every leap year, February has 29 days.



## ILLUSTRATIVE EXAMPLE



1. Which month of the year does the calendar show?	<b>Ans. June</b>
2. What dates are Fridays?	<b>Ans. 6, 13, 20, 27</b>
3. Which date is two weeks away from June 10?	<b>Ans. June 24</b>
4. How many days are between June 16 and 21?	<b>Ans. 4 days</b>
5. How many days are there in June?	<b>Ans. 30 days</b>



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# A NEW SCHOOL YEAR

G2  
Basic

Earl is excited to start a new school year. The first month of the school year is given to them. Help Earl answer the following questions about it.

AUGUST						
SU	M	T	W	TH	F	SA
		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		



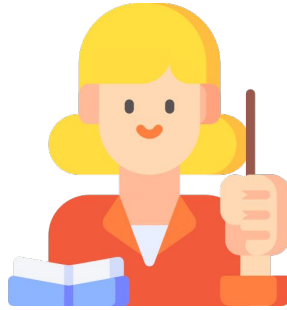
1. How many days are there in the first week of August?
2. What date is the second Tuesday?
3. How many Mondays are there in August?
4. How many Saturdays are there in August?
5. What date is the last Friday?


# FIRST DAY OF SCHOOL

G2  
Basic

Today is the first day of school. Earl is very delighted to learn something new. His teacher is discussing their schedule for this week. Find it out and answer the questions that follow.



Earl's teacher said to the class that their weekday classes will be equivalent to 20 hours. How will you distribute this number of hours equally from Monday to Friday?

Monday	Tuesday	Wednesday	Thursday	Friday

If Friday will be a free day next week. How many class hours will there be on that week? Draw a simple table to show your solution.



# MY STUDY CALENDAR

G2  
Basic

Earl wants to create his own study time schedule. Help him calculate the time for it.

- Reading - 60 mins per day
- Mathematics - 60 mins per day
- History - 30 mins per day
- Literature - 30 mins per day



1. If Earl will follow this schedule daily, how long will be his studying time per day? Show your solution.

2. How many hours will it be in a weekly basis? Show your solution.



# EXAM PREPARATIONS

G2  
Basic

The examination days are approaching. Create a schedule from Monday to Wednesday for Earl in preparation for his examinations.

Subject	Monday	Tuesday	Wednesday
Literature			
Mathematics			
History			
Grammar			
Total Number of hours			

In total, how many hours will be spent by Earl to prepare for his examinations:

- daily?
- weekly?





# SPRING BREAK

G2  
Basic

Hooray! Spring break will be here soon! Earl has a lot of plans for the break. The details of each are given below.



1. He wants to go fishing with his Dad---that is 3 days from today. How many hours are there in three days?

2. He wants to do camping with his cousins---that is 5 days from today. How many hours are there in five days?



3. He would love to visit his grandmother one week from now. How many days is that?

4. He would love to spend a night on their rest house a week and a half from now. How many days is that?



# MY BIRTHDAY TREAT FOR MY CLASSMATES

G3  
Advanced

You want to celebrate your birthday this year with your classmates. However, there are things that you need to do in order to put your plans in reality. Answer the questions that follow.

1. Your birthday will be six months from now, to be exact. Your mom book a place for the party. How many weeks is the equivalent of six months?

2. Your mom also ordered party hats and colorful balloons. Those will arrive in 5 and a half months. How many weeks is that?



3. To attend your birthday party, your cousins will be staying at your house for two weeks. How many days is that?

4. If this year will be your 8th birthday, calculate the equivalent of that in months.



# THE SCHOOL YEAR IS ABOUT TO END

G3  
Advanced

The school year is about to end. Let's look back at your most memorable experience this year. Then, answer the questions that follow.

1. Four months ago, you won the Best Speller of the Year Award! What is the equivalent of that in weeks?



2. During your preparation for the spelling quiz bee, you started your training last January 21 and ended at March 15. How many days is the duration of your training?



3. It's now May 26. Your awarding day as Speller of the Year was last March 16. How many weeks had gone by after the awarding?



# SUMMER BREAK

G3  
Advanced

Yehey! You did a good job in school and you really deserve a break! Here's a blank weekly calendar for you. Draw a picture or symbol of an activity that you would love to do the most.

	<b>MONDAY</b>	<b>TUESDAY</b>
<b>WEDNESDAY</b>	<b>THURSDAY</b>	<b>FRIDAY</b>
<b>SATURDAY</b>	<b>SUNDAY</b>	

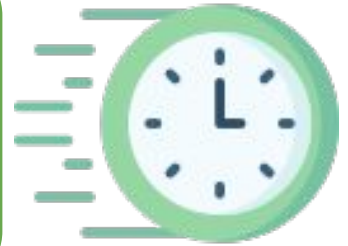


# IN THE FUTURE

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Advanced

As a student, you have a lot of plans and things to do in the future. Use your knowledge about measuring time to convert the following years into months.

3 years from now, I would love to travel to Japan!



10 years from now, I want to graduate and go to college!



20 years from now, I would like to become a doctor!



# PREPARING FOR THE NEXT YEAR

G3  
Advanced

As we prepare for the next school year, let's organize our schedule by creating our time table. Also, answer the questions that follow.

1. I like to do advance studying. Which one has a longer span, 2 ½ weeks or 18 days?

2. I think spending 4 years in college is the same as 40 months. Is the statement valid?



Why is time important in studying? Do you spend your time wisely as a student? Give three ways of using your time wisely.

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# ANSWER GUIDE

## Activity 1

1. 4 weeks
2. August 8
3. 4 Mondays
4. 4 Saturdays
5. August 25

## Activity 2

1. Each day must have a 4- hour class.
2. Since Friday will be no classes, instead of 20 hours, the students will only have a 16-hour class for that week.

## Activity 3

1. Earl will have a 3-hour studying time per day.
2. Since it is in 3 hours per day, 3 hours times 7 is 21 hours.

## Activity 4

Answers may vary. The learner just need to supply the details of the table then add the number of hours per day. Multiply it t 3 to get the number of hours weekly.

## Activity 5

1. 72 hours
2. 120 hours
3. 7 days
4. 10 or 11 days



# ANSWER GUIDE

## Activity 6

1. 24 weeks    2. 22 weeks    3. 14 days    4. 96 months

## Activity 7

1. 16 weeks    2. 53 days (10 days in January, 28 days in February, 15 days in March)    3. Approximately 10 weeks already

## Activity 8

Answers may vary per learner.

## Activity 9

1. 36 months    2. 120 months    3. 240 months

## Activity 10

1.  $2\frac{1}{2}$  weeks is equal to 17 or 18 days. Thus, the two time spans are just the same.    2. The statement is invalid because 4 years is equal to 48 months, not 40.  
3. Answers may vary.





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