

MATHEMATICS - Grade 2

Quarter 3 - Module 7 Divide numbers using the 2,3,4,5 and 10 multiplication tables

Self-Learning Module (SLM)

MATATAG Curriculum

First Edition, 2025

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Development Team of the Module

Writer: Elvie C. Palomillo

Editor: Maria Fe P. Catalan

Reviewer: Rona L. Bred

Illustrator:

Layout Artist: Leonora R. Po

Art Designer: Julius Cesar D. Meneses

Management Team:

Gildo G. Mosqueda, CEO VI - Schools Division Superintendent

Gilbert B. Barrera, CESE - Assistant Schools Division Superintendent

Arlene Rosa G. Arquiza - Chief ES, Curriculum Implementation Division

Ivy P. Lamintao - Education Program Supervisor, LRMS

Rona L. Bred - Education Program Supervisor, Mathematics

Joey M. Lozano - Information Technology Officer I

Leonora R. Po - Project Development Officer II, LRMS

Delia P. Eliarda - Librarian II

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Schools Division Office of Tacurong City**

Office Address: Alunan Highway, Poblacion, Tacurong City 9800

Telephone Numbers: 0919-0656425/064-562-4880

E-mail Address: tacurong.city@deped.gov.ph

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 Dividing numbers using the 2, 3, 4, 5 and 10 multiplication tables!

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 Divide numbers using the 2,3,4,5 and 10 multiplication tables!

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

Quarter 3 - Module 7

Divide numbers using the 2, 3, 4, 5 and
10 multiplication tables



What I Need to Know

This module was designed and written with you in mind. It is here to help you master the (Division of numbers using the 2,3,4 multiplication tables). The scope of this module permits it to be used in many different learning situations. The language used recognizes the diverse vocabulary level of students. 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 textbook you are now using.

After going through this module, you are expected to:

- Divide numbers using the 2,3,4,5,10 multiplication tables.

Lesson 1 - Divide numbers using the 2, 3, 4 Multiplication Tables



What I Know

Before we go further in this module, I would like you to take this pre-test to assess your prior knowledge on the lessons that you are about to study.

Directions: Divide the numbers below and write the correct answer on your answer sheet.

- $10 \div 2 = \underline{\quad}$
a. 3 c. 5
b. 4 d. 6
- $27 \div 3 = \underline{\quad}$
a. 6 c. 8
b. 7 d. 9
- $12 \div 2 = \underline{\quad}$
a. 6 c. 8
b. 7 d. 9
- $24 \div 4 = \underline{\quad}$
a. 4 c. 6
b. 5 d. 7

5. $16 \div 4 =$ _____
- a. 3 c. 5
b. 4 d. 6



What's In

Directions: Divide the numbers using repeated subtraction. Write your answer on the answer sheet.

1.) $4 \div 2 =$

4.) $9 \div 3 =$

2.) $8 \div 4 =$

5.) $4 \div 4 =$

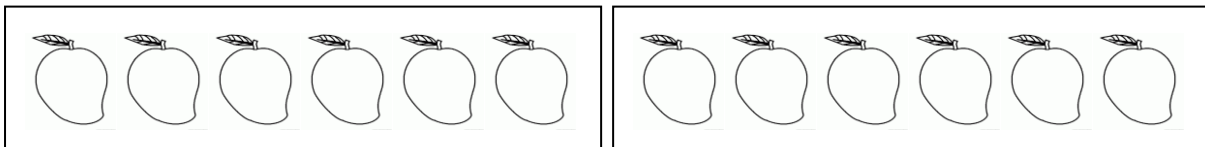
3.) $12 \div 4 =$



What's New

Directions: Read and study.

Ella has 12 mangoes to share. She decides to give her 2 friends the same number of mangoes each. How many mangoes will each friend receive?

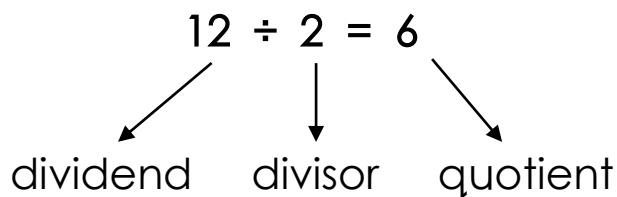


Friend 1



Friend 2

Each friend will receive 6 mangoes.



What is It

It seems that you are enjoying our previous activities. This time you are going to explore more about dividing numbers using the 2,3, and 4 multiplication tables.

In dividing numbers, we can use a multiplication table to get the correct answer.

Examples:

1. If 2 friends divide 12 mangoes among each other, how many mangoes do they receive?

1	2
2	4
3	6
4	8
5	10
6	12
7	14
8	16
9	18
10	20

$$12 \div 2 = 6$$

To find the quotient of $12 \div 2$, look at the column under 2 and locate 12. Then, from 12, move two boxes horizontally to the left. The answer is 6.

2. If 3 friends divide 12 mangoes among each other, how many mangoes do they receive?

1	2	3
2	4	6
3	6	9
4	8	12
5	10	15
6	12	18
7	14	21
8	16	24
9	18	27
10	20	30

$$12 \div 3 = 4$$

3. If 4 friends divide 12 mangoes among each other, how many mangoes do they receive?

1	2	3	4
2	4	6	8
3	6	9	12
4	8	12	16
5	10	15	20
6	12	18	24
7	14	21	28
8	16	24	32
9	18	27	36
10	20	30	40

$$12 \div 4 = 3$$



What's More

Directions: Divide the given numbers using the 2, 3 and 4 using the table of multiplication. Write the letter of the correct answer on the space provided.

_____ 1. 10 guavas divided into 2 friends.

- a. 5 c. 7
b. 6 d. 8

_____ 2. Divide the 15 bananas into 3 cousins.

- a. 3 c. 5
b. 4 d. 6

_____ 3. The 9 plates of bihon divided into 3 children.

- a. 2 c. 4
b. 3 d. 5

_____ 4. The 20 guavas divided into 4 boys.

- a. 4 c. 6
b. 5 d. 7

_____ 5. The 12 slices of cakes divided into 3 girls.

- a. 1 c. 3
b. 2 d. 4



What I have learned

Now that you have learned a lot about dividing numbers using the 2,3 and 4 multiplication tables, let's do another activity to deepen your knowledge and skills.

Directions: Fill in the blanks with correct word to complete a sentence. Choose your answer from the words inside the box. Write your answer on the answer sheet.

divisor	dividend	quotient
division	Multiplication table	

The _____ is the number to be divided.

The _____ is the number that divides the dividend.

The answer in the division is called the_____.

_____ is finding how many equal numbers there are in a total number.

_____ gives the multiples of numbers.




What I can do

Directions: Divide the given numbers below. Write your answer on the answer sheet.

Example: 9  divided into 3 girls

- a. 2 bags
- b. 3 bags
- c. 4 bags
- d. 5 bags

Solution: $9 \div 3 = 3$
 girls

- 1) 6 hearts divided into 2 girls
 - a. 3 hearts
 - b. 4 hearts
 - c. 5 hearts
 - d. 6 hearts
- 2) 12 circles divided into 3 visitors
 - a. 3 circles
 - b. 4 circles
 - c. 5 circles
 - d. 6 circles
- 3) 20 stars divided into 4 children
 - a. 2 stars
 - b. 3 stars
 - c. 4 stars
 - d. 5 stars
- 4) 15 triangles divided into 3 pupils
 - a. 3 triangles
 - b. 4 triangles
 - c. 5 triangles
 - d. 6 triangles
- 5) 40 squares divided into 4 boys
 - a. 10 squares
 - b. 20 squares
 - c. 30 squares
 - d. 40 squares



Additional Activities

Good job!

Directions: Find the quotient of the following numbers.
Write your answer on the answer sheet.

1. $20 \div 2 =$ _____

2. $27 \div 3 =$ _____

3. $30 \div 3 =$ _____

4. $28 \div 4 =$ _____

5. $40 \div 4 =$ _____



What's In

Directions: Define the quotient of the following numbers.
Write your answer on the answer sheet.

1.) $24 \div 4 = \underline{\hspace{2cm}}$

- a. 5
- b. 6
- c. 7
- d. 8

2.) $12 \div 2 = \underline{\hspace{2cm}}$

- a. 6
- b. 7
- c. 8
- d. 9

3.) $40 \div 4 = \underline{\hspace{2cm}}$

- a. 7
- b. 8
- c. 9
- d. 10

4.) $15 \div 3 = \underline{\hspace{2cm}}$

- a. 3
- b. 4
- c. 5
- d. 6

5.) $24 \div 3 = \underline{\hspace{2cm}}$

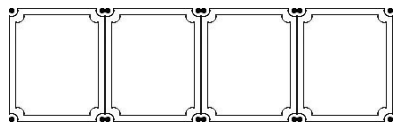
- a. 3
- b. 4
- c. 7
- d. 8



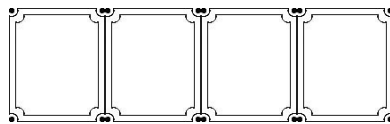
What's New

Directions: Read and study.

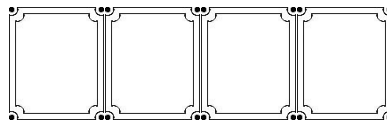
Linda bought 20 picture frames for her friends. She decides to give her friends the same number of picture frame each. How many friends will receive picture frames?



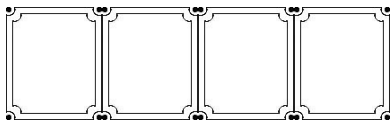
Friend 1



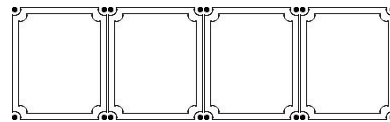
Friend 2



Friend 3



Friend 4



Friend 5

If 5 friends divide 20 picture frames among each other, how many picture frames do they receive?

$$\begin{array}{ccccccc} 20 & \div & 5 & = & 4 & & \\ \downarrow & & \downarrow & & \downarrow & & \\ \text{dividend} & & \text{divisor} & & \text{quotient} & & \end{array}$$



What is It

It seems that you are enjoying our previous activities. This time you are going to explore more about dividing numbers using the 5 and 10 multiplication tables.

In dividing numbers, we can use a multiplication table to get the correct answer.

Example 1:

If 5 friends divide 20 picture frames among each other, how many picture frames do they receive?

1	2	3	4	5
2	4	6	8	10
3	6	9	12	15
4	8	12	16	20
5	10	15	20	25
6	12	18	24	30
7	14	21	28	35
8	16	24	32	40
9	18	27	36	45
10	20	30	40	50

$$20 \div 5 = 4$$

Example 2:

If 10 friends divide 20 picture frames among each other, how many picture frames do they receive?

1	2	3	4	5	6	7	8	9	10
2	4	6	8	10	12	14	16	18	20
3	6	9	12	15	18	21	24	27	30
4	8	12	16	20	24	28	32	36	40
5	10	15	20	25	30	35	40	45	50
6	12	18	24	30	36	42	48	54	60
7	14	21	28	35	42	49	56	63	70
8	16	24	32	40	48	56	64	72	80
9	18	27	36	45	54	63	72	81	90
10	20	30	40	50	60	70	80	90	100

$$20 \div 10 = 2$$



What's More

Guided Practice

A. Directions: Find the missing input or output. Write your answer on the answer sheet.

Divide by 5	
Input	Output
10	2
35	_____
25	_____
_____	3
_____	6
40	_____

Divide by 10	
Input	Output
30	_____
_____	5
70	_____
_____	10
_____	6

To help acquire the mastery of division facts, let them master the multiplication facts.

B. Directions: Divide the following numbers and find the amazing word. Write your answer on the answer sheet.

L	V	I	M	H	A	T	O	E
7	1	3	10	8	5	9	4	6

$15 \div 5$

$35 \div 5$

$20 \div 5$

$10 \div 10$

$60 \div 10$

$100 \div 10$

$25 \div 5$

$45 \div 5$

$80 \div 10$



What I have learned

Now that you have learned a lot about dividing numbers using the 5 and 10 multiplication tables, let's do another activity to deepen your knowledge and skills.

Remember:

- To divide by 5, look for the number in multiplication table of 5 and count how many steps it took to reach the number.
- To divide by 10, look for the number in multiplication table of 10 and count how many steps it took to reach the number.



What I can do

Directions: Divide the given numbers below. Write your answer on the answer sheet.

Example: 25 papayas divided into 5 girls

Equation: $25 \div 5 = 5$

Diagram showing the division: 25 is divided into 5 groups, each containing a papaya. The result is 5 girls.

25
↓ ↓
🍌 girls

- 1) 30 guavas divided into 5 girls
 - a. 5 guavas
 - b. 6 guavas
 - c. 7 guavas
 - d. 8 guavas

- 2) 45 avocados divided into 5 boys
 - a. 6 avocados
 - b. 7 avocados
 - c. 8 avocados
 - d. 9 avocados

- 3.) 50 oranges divided into 5 friends
 - a. 10 oranges
 - b. 20 oranges
 - c. 30 oranges
 - d. 40 oranges

- 4) 70 bananas divided into 10 pupils
 - a. 5 bananas
 - b. 6 bananas
 - c. 7 bananas
 - d. 8 bananas

- 5) 90 mangoes divided into 10 children
 - a. 6 mangoes
 - b. 7 mangoes
 - c. 8 mangoes
 - d. 9 mangoes



Assessment

This time, to assess your learning on dividing numbers using the 5 and 10 multiplication tables, answer this activity below.

Directions: Divide the following numbers. Write your answer on the answer sheet.

1. $20 \div 5 =$ _____

a. 3

c. 5

b. 4

d. 6

2. $70 \div 10 =$ _____

a. 5

c. 7

b. 6

d. 8

3. $100 \div 10 =$ _____

a. 7

c. 9

b. 8

d. 10

4. $30 \div 5 =$ _____

a. 5

c. 7

b. 6

d. 8

5. $60 \div 10 =$ _____

a. 6

c. 8

b. 7

d. 9



Additional Activities

Congratulations! You've come this far. I know you have learned a lot already. You will do this activity using your knowledge on dividing numbers using the 5 and 10 multiplication tables.

Directions: Find the quotient of the following numbers. Write your answer on the answer sheet.

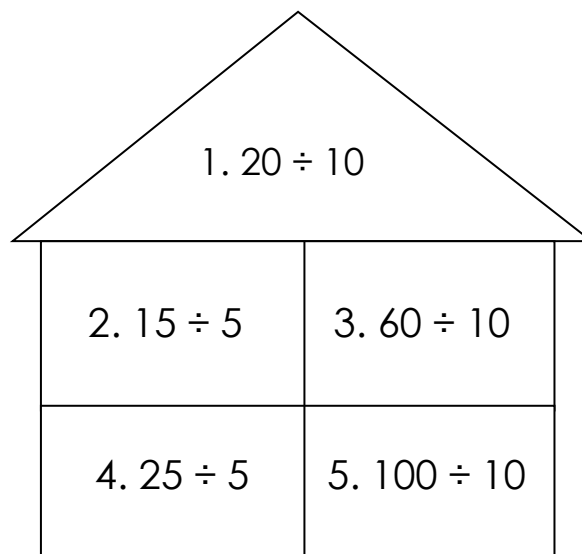
1. _____

2. _____

3. _____

4. _____

5. _____



Answer Key

Lesson 1

<p>What I Know</p> <p>1. c 2. d 3. a 4. c 5. b</p> <p>What's In</p> <p>1.) $4 \div 2 = 2$ $4 - 2 = 2$ $2 - 2 = 0$</p> <p>2.) $8 \div 4 = 2$ $8 - 4 = 4$ $4 - 4 = 0$</p> <p>3.) $12 \div 4 = 3$ $12 - 4 = 8$ $8 - 4 = 4$ $4 - 4 = 0$</p> <p>4.) $9 \div 3 = 3$ $9 - 3 = 6$ $6 - 3 = 3$ $3 - 3 = 0$</p> <p>5.) $4 \div 4 = 1$ $4 - 4 = 0$</p>	<p>What's More</p> <p>1. a 2. c 3. b 4. b 5. d</p> <p>What I have learned</p> <p>1. dividend 2. divisor 3. quotient 4. multiplication 5. division</p> <p>What I can do</p> <p>1. a 2. b 3. d 4. c 5. a</p>	<p>Assessment</p> <p>1. b 2. a 3. c 4. b 5. d</p> <p>Additional Activities</p> <p>1. 10 2. 9 3. 10 4. 7 5. 10</p>
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Lesson 2

<p>What I Know</p> <p>1. a 2. b 3. d 4. c 5. b</p> <p>What's In</p> <p>1. b 2. a 3. d 4. c 5. c</p>	<p>What's More</p> <p>A. Divide by 5 Divide by 10</p> <table style="margin-left: 20px;"> <tr><td>7</td><td>3</td></tr> <tr><td>5</td><td>50</td></tr> <tr><td>15</td><td>7</td></tr> <tr><td>30</td><td>100</td></tr> <tr><td>8</td><td>60</td></tr> </table> <p>B. I LOVE MATH</p> <p>What I have learned</p> <p>1. Dividing whole numbers by 5 is like counting by 5. 2. To divide whole numbers by 10, cancel the same number of zero's in both dividend and the divisor. Then divide.</p>	7	3	5	50	15	7	30	100	8	60	<p>What I can do</p> <p>1. b 2. d 3. a 4. c 5. d</p> <p>Assessment</p> <p>1. b 2. c 3. d 4. b 5. a</p> <p>Additional Activities</p> <p>1. 2 2. 3 3. 5 4. 5 5. 10</p>
7	3											
5	50											
15	7											
30	100											
8	60											

References

K to 12 Mathematics Curriculum Guide 2016 p. 42

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EduResources Publishing , Inc.

DISCLAIMER

This Self-learning Module (SLM) in **MATHEMATICS 2 Quarter 3 Module 7** titled **"Divide numbers using the 2, 3, 4, 5, and 10 multiplication tables"** 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:

**Schools Division Office of Tacurong City
Learning Resource Management Section (LRMS)**

Alunan Highway, Poblacion, Tacurong City 9800
Telephone Numbers: 09190656425/064-562-4880
Email Address: tacurong.city@deped.gov.ph