

7



Learning Activity Sheet for Mathematics

Quarter 1

Lesson

8

GOVERNMENT PROPERTY
NOT FOR SALE

Learning Activity Sheet for Mathematics Grade 7
Quarter 1: Lesson 8 (Week 8)
SY 2024-2025

This material is intended exclusively for the use of teachers in the implementation of the MATATAG K to 10 Curriculum during the School Year 2024-2025. It aims to assist in delivering the curriculum content, standards, and lesson competencies. Any unauthorized reproduction, distribution, modification, or utilization of this material beyond the designated scope is strictly prohibited and may result in appropriate legal actions and disciplinary measures.

Borrowed content included in this material are owned by their respective copyright holders. Every effort has been made to locate and obtain permission to use these materials from their respective copyright owners. The publisher and development team do not represent nor claim ownership over them.

Development Team

Writers:

- Olivia L. Alvarez
- Mark Marvin D. Oximas (Global City Innovative College)

Validators:

- Lalaine Ann F. Manuel, Ph.D. (Central Luzon State University)
- PNU – RITQ Development Team

Management Team

Philippine Normal University
Research Institute for Teacher Quality
SiMERR National Research Centre

Every care has been taken to ensure the accuracy of the information provided in this material. For inquiries or feedback, please write or call the Office of the Director of the Bureau of Learning Resources via telephone numbers (02) 8634-1072 and 8631-6922 or by email at blr.od@deped.gov.ph.

LEARNING ACTIVITY SHEET

Learning Area:	Mathematics	Quarter:	1
Lesson No.:	8	Date:	
Lesson Title/ Topic:	Operations on Rational Numbers		
Name:		Grade & Section:	

- I. Activity No. 1:** Operations on Rational Numbers (Hidden Phrase)
- II. Objective(s):** By the end of the lesson, the learners should be able to perform operations on rational numbers.
- III. Materials Needed:** Pen and Paper
- IV. Instructions:** Determine the hidden phrase by performing the operations on rational numbers. Show your complete solution.

R. $1\frac{2}{5}$

I. 32.26

F. 7.242

S. $1\frac{11}{14}$

T. $3\frac{31}{50}$

N. $38\frac{2}{5}$

O. 26.32

M. 5.48

E. 4.157

K. 7.222

A. $\frac{5}{7}$

U. 1.375

H. $\frac{7}{6}$

F. $5\frac{5}{11}$

Hidden Phrase:

$1.23 + 4.25$	$\frac{45}{49} \cdot \frac{7}{9}$	$\frac{13}{25} + \frac{18}{5} - \frac{5}{10}$	$\frac{7}{4} \cdot \frac{3}{2}$

$\frac{36.13}{1.12}$	$4\frac{6}{7} - 3\frac{1}{14}$

$7.442 - \frac{5}{25}$	$\frac{1}{4} \cdot 5.5$	$\frac{6\frac{12}{14}}{\frac{5}{28}}$

Solution:

LEARNING ACTIVITY SHEET

Learning Area:	Mathematics	Quarter:	1
Lesson No.:	8	Date:	
Lesson Title/ Topic:	Operations on Rational Numbers		
Name:		Grade & Section:	

- I. Activity No. 2:** Formative Assessment
- II. Objective(s):** By the end of the lesson, the learners should be able to perform operations on rational numbers.
- III. Materials Needed:** Pen and Paper
- IV. Instructions:** Perform the following operations on rational numbers. Show your complete solution. Round off to the nearest hundredths (for decimals). Express your answers in simplest form / mixed number (for fractions).

1. $92.516 - 12.531 + 41.535$

2. $\frac{5}{16} \cdot \frac{2}{3}$

3. $4\frac{6}{8} + 1\frac{5}{6}$

4. $1 - \frac{4}{5} + \frac{1}{2}$

5. $4.24 \cdot 3.14$

6. $\frac{6.89}{1.56}$

7. $17.425 - 12.512 - 1.435$

8. $4\frac{5}{2} \cdot 6\frac{1}{3}$

9. $\frac{42.12}{20}$

10. $\frac{\frac{72}{150}}{3}$