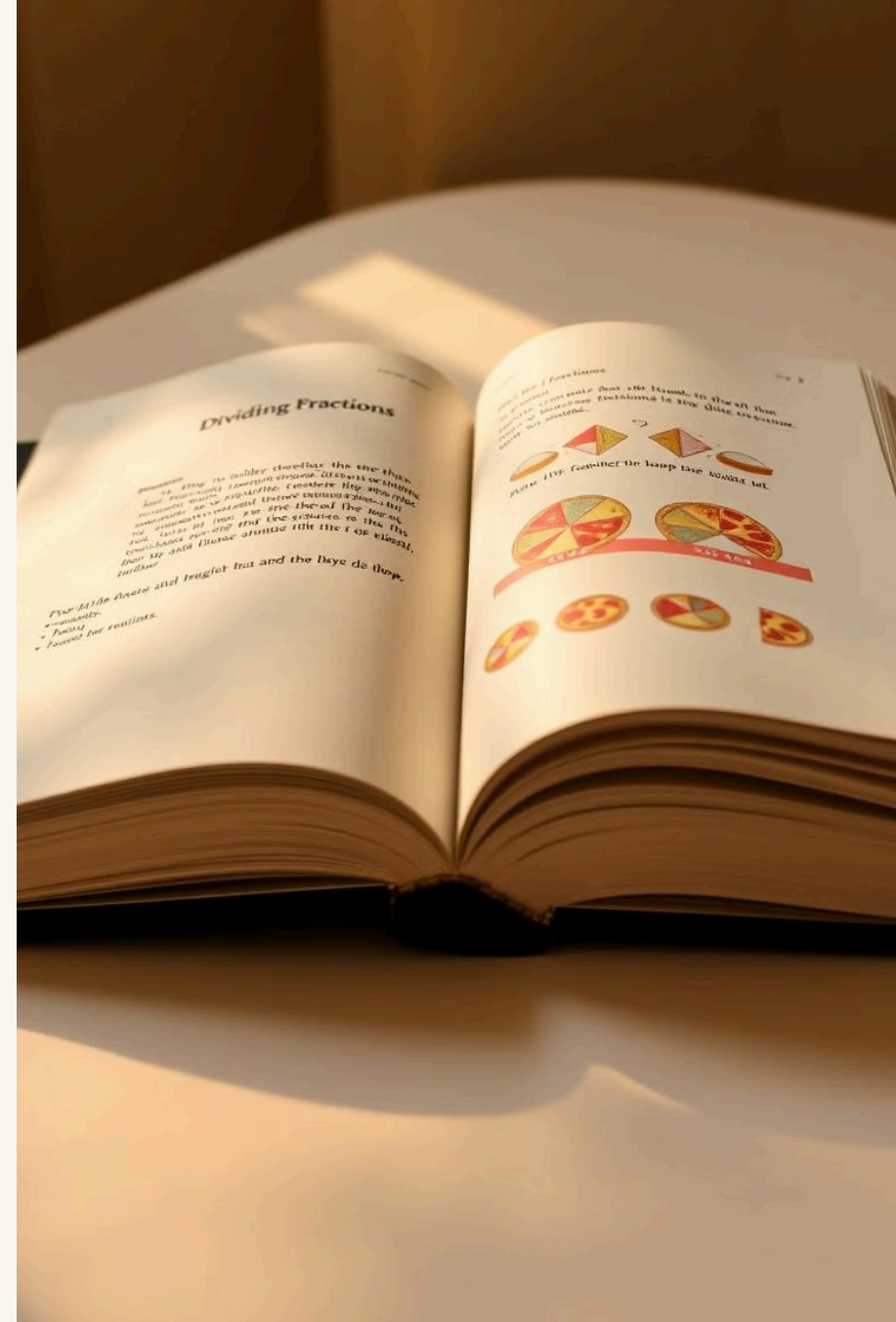


Dividing Simple Fractions and Whole Numbers

Explore the fundamentals of dividing simple fractions and whole numbers in this 5th grade mathematics module from the Department of Education in the Philippines.





Self Learning Module Overview

Guided Learning

Each module provides step-by-step guidance to help you understand the lessons.

Pre- and Post-Tests

Assess your prior knowledge and learning progress with the provided tests.

Facilitator Support

You can consult your teacher or facilitator if you have any questions or difficulties.

Learning Objectives



Divide whole numbers by fractions and vice versa.



Divide simple fractions by other fractions.



Apply division of fractions to real-world problems.

Learning objectives

- To understand .. concepts
apply the knowledge
to real-world scenarios.
- To devise the
critical thinking skills.

Dividing Whole Numbers by Fractions

1

Whole Number

Divide by Fraction

2

Fraction

Divide by Whole Number

3

Fraction

Divide by Fraction

Learn how to divide whole numbers by fractions and vice versa, as well as how to divide simple fractions by other fractions.



Dividing Fractions

1

Identify the Dividend and Divisor

Write the number sentence to identify the dividend and divisor.

2

Change the Divisor

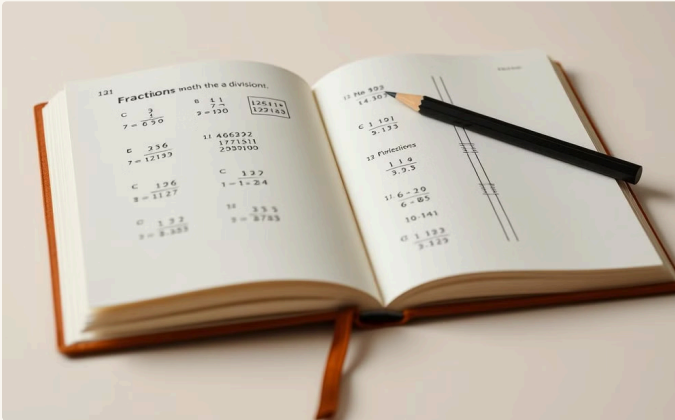
Change the divisor to its reciprocal and change the operation to multiplication.

3

Multiply the Fractions

Multiply the numerators and then the denominators to find the solution.

Independent Activity 2: Fill in the Blanks



Fraction Division Practice

Fill in the missing numbers to complete the fraction division expressions.



Test Your Skills

Apply what you've learned about dividing fractions to solve the given problems.



Reinforce Understanding

Solidify your knowledge of dividing whole numbers and fractions through these exercises.

What I Can Do

Practice Problems

Find the quotient and reduce the answer to the lowest term.

1. $1/7 \div 4 =$ _____
2. $6 \div 2/7 =$ _____
3. $3/5 \div 5 =$ _____
4. $7/9 \div 5/6 =$ _____
5. $10/12 \div 3/4 =$ _____

More Practice

Keep working on your skills with these additional problems.

1. $8 \div 5/8 =$ _____
2. $3 \div 1/6 =$ _____
3. $3/4 \div 2/5 =$ _____
4. $10/9 \div 1/3 =$ _____
5. $1/3 \div 3 =$ _____

References and Contact Information



References

Yusuf. 2020. "Multiplying And Dividing Fraction".
Slideshare.Net.

<https://www.slideshare.net/yusufedu/multiplying-and-dividing-fraction151731422>



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