



NTID

Mrs. Lafferty

8th Grade

## Adding and Subtracting Positive and Negative Fractions and Decimals

- Estimate each problem to check if the student's answer is reasonable. If not, cross out the answer and write the correct answer. Show your work.

Problems	Student Answers
<p>① <math>1.3 - (-2.5)</math></p>	<p><del>-1.2</del>      Possible estimate: <math>1 - (-3) = 1 + 3</math>  <math>= 4</math>  <math>3.8</math></p> <p><math>1.3 - (-2.5) = 1.3 + 2.5</math>  <math>= 3.8</math></p>
<p>② <math>-3\frac{1}{6} + 6\frac{2}{3}</math></p>	<p><math>-3\frac{1}{2}</math></p>
<p>③ <math>-4.2 - (-2.9)</math></p>	<p><math>-1.3</math></p>
<p>④ <math>3\frac{1}{5} - 2\frac{1}{2} + 2\frac{3}{5}</math></p>	<p><math>-3\frac{1}{3}</math></p>

Day 1

1. Introduction to the course and the instructor.

2. Overview of the course objectives and the syllabus.

3. Discussion of the importance of the course and the role of the student.

4. Introduction to the course materials and the learning resources.

5. Discussion of the course schedule and the assessment methods.

6. Introduction to the course and the instructor.

7. Overview of the course objectives and the syllabus.

8. Discussion of the importance of the course and the role of the student.

## Adding and Subtracting Positive and Negative Fractions and Decimals *continued*

Problems	Student Answers
5 $5.9 - 7.3 - 10.2$	11.6
6 $-5\frac{5}{6} - (-2\frac{1}{3}) + 5\frac{1}{6}$	$1\frac{2}{3}$
7 $11.5 - 5.4 - 4.7$	-1.4
8 $-11\frac{1}{8} - 12\frac{1}{4} - (-21\frac{1}{2})$	$2\frac{1}{8}$

- 9 How does estimating an addition or subtraction problem help you know if an answer is reasonable?

Part 1

[Faint, illegible text covering the majority of the page, possibly bleed-through from the reverse side.]



## Multiplying Negative Rational Numbers

► Find the product of the rational numbers. The answers are mixed up at the bottom of the page. Cross out the answers as you complete the problems.

1  $2 \times -\frac{7}{4}$

---

2  $-\frac{1}{3} \times -\frac{6}{5}$

---

3  $\frac{2}{5} \times -\frac{3}{4}$

---

4  $-2\frac{1}{3} \times \frac{5}{4}$

---

5  $-\frac{3}{7} \times -1\frac{2}{3}$

---

6  $-3\frac{5}{7} \times -2\frac{1}{2}$

---

7  $0.75 \times -\frac{4}{3}$

---

8  $-0.2 \times -\frac{2}{5}$

---

9  $-0.35 \times -1\frac{3}{7}$

---

10  $2.5 \times -3\frac{4}{5}$

---

11  $0.2 \times -0.45$

---

12  $-0.25 \times -1.4$

---

13  $-2.3 \times 6.8$

---

14  $-3.9 \times 5\frac{5}{9}$

---

15  $-4.2 \times -6\frac{2}{7}$

---

### Answers

$-21\frac{2}{3}$

$-15.64$

$-9\frac{1}{2}$

$-3\frac{1}{2}$

$-2\frac{11}{12}$

$-1$

$-\frac{3}{10}$

$-0.09$

$\frac{2}{25}$

$0.35$

$\frac{2}{5}$

$\frac{1}{2}$

$\frac{5}{7}$

$9\frac{2}{7}$

$26\frac{2}{5}$

Day 3



## Dividing Negative Rational Numbers

► Find each quotient.

1  $-5 \div \frac{5}{7}$

\_\_\_\_\_

2  $-\frac{8}{9} \div \frac{2}{3}$

\_\_\_\_\_

3  $\frac{3}{10} \div -\frac{6}{7}$

\_\_\_\_\_

4  $-2\frac{3}{4} \div 11$

\_\_\_\_\_

5  $-4\frac{2}{7} \div -\frac{15}{16}$

\_\_\_\_\_

6  $-1\frac{4}{7} \div -3\frac{2}{3}$

\_\_\_\_\_

7  $-8 \div 6.4$

\_\_\_\_\_

8  $-\frac{3}{2} \div 0.5$

\_\_\_\_\_

9  $-3\frac{1}{3} \div 1.2$

\_\_\_\_\_

10  $9.28 \div -3.2$

\_\_\_\_\_

11  $0.056 \div -0.004$

\_\_\_\_\_

12  $-0.28 \div 0.07$

\_\_\_\_\_

13 Explain the steps you used to solve problem 11.



Day 3

1. The first part of the document discusses the importance of maintaining accurate records of all transactions.

2. It is essential to ensure that all data is entered correctly and that the system is regularly updated.

3. The following table provides a summary of the key findings from the recent audit.

4. The results indicate that there are several areas where improvements can be made to enhance efficiency.

5. The next steps involve implementing the recommended changes and monitoring their impact over time.

6. It is recommended that a follow-up review be conducted in six months to assess progress.

7. The final section of the report provides a detailed breakdown of the costs associated with the project.

8. Overall, the project has been completed successfully, and the team is pleased with the results.

9. Thank you for your attention and support throughout the process.

## Writing Rational Numbers as Repeating Decimals

► Write each number as a repeating decimal.

1  $\frac{1}{9}$

---

2  $-\frac{2}{11}$

---

3  $\frac{7}{11}$

---

4  $\frac{1}{3}$

---

5  $2\frac{4}{9}$

---

6  $-\frac{13}{6}$

---

7  $-1\frac{5}{6}$

---

8  $\frac{13}{99}$

---

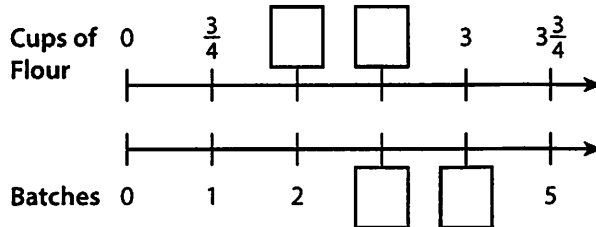
- 9 When the denominator of a proper fraction is 99, what do you notice about the repeating digit(s) in its decimal form?

Day 7

## Understanding Proportional Relationships

► Read and solve the problems. Show your work.

- 1 Josie is making pizza dough. Complete the double number line by filling in the missing values. Then write an equation that models the relationship between the total cups of flour,  $c$ , and number of batches,  $n$ . Show your work.



- 2 Lilli bought each of her friends a pair of colorful socks that cost \$5.50. Complete the table to show how much Lilli paid to buy different numbers of socks. Then write an equation that shows the total cost,  $c$ , for  $p$  pairs of socks.

<b>Cost</b>		\$11.00			
<b>Pairs of socks</b>	1	2	3		

- 3 Explain how using a table is similar to using a double number line and how it is different.
- 4 Mrs. Lopez types at a constant rate. The constant of proportionality for the relationship between the number of words she types,  $w$ , and the number of minutes she types,  $m$ , is 38. Write an equation to show this relationship.

Day 2

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is crucial for ensuring the integrity and transparency of the financial system. The text highlights that without proper record-keeping, it would be difficult to detect and prevent fraud or other irregularities.

2. The second part of the document focuses on the role of internal controls. It explains that these controls are designed to minimize the risk of errors and misstatements. The text describes various types of internal controls, such as segregation of duties, authorization requirements, and regular reconciliations. It stresses that these controls are essential for maintaining the reliability of financial information.

3. The third part of the document discusses the importance of external audits. It explains that external audits provide an independent assessment of the financial statements. The text describes the role of auditors and the types of audits that can be performed. It emphasizes that external audits are a key component of the financial reporting process and help to build confidence among investors and other stakeholders.

4. The fourth part of the document discusses the importance of financial reporting. It explains that financial reports provide a summary of the company's financial performance and position. The text describes the different types of financial reports, such as the balance sheet, income statement, and cash flow statement. It emphasizes that these reports are essential for providing transparency and accountability to the company's stakeholders.

5. The fifth part of the document discusses the importance of financial management. It explains that financial management involves the planning, monitoring, and control of the company's financial resources. The text describes various financial management techniques, such as budgeting, cost control, and capital budgeting. It emphasizes that effective financial management is essential for the long-term success and sustainability of the company.