

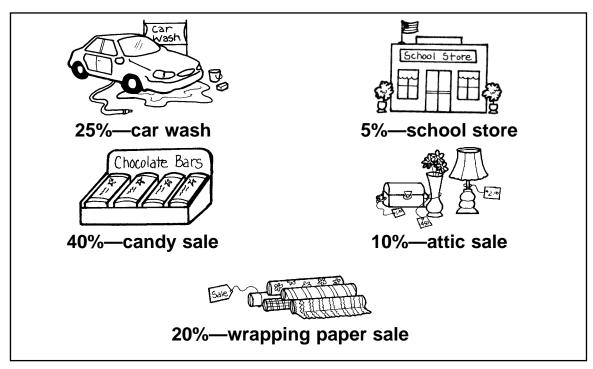
• • • • • • • • • Table of Contents

How to Use This Book	Practice Adding and Subtracting More	
NCTM Standards 4	Decimals	
Unit 1	Unit 7	
How to Identify Fractions and Find Equivalent Fractions5	How to Multiply, Divide, and Round with Decimals30	
Practice Identifying Fractions	Practice Multiplying, Dividing, and Rounding with Decimals	
Practice Working with Equivalent Fractions 8	Unit 8	
Unit 2	How to Relate Fractions, Decimals, and Percents	
How to Work with Common Factors9		
How to Work with Simplest Form, Least Common Multiple, and Mixed Numbers 10	Practice Working with Fractions, Decimals, and Percents	
Practice Using Simplest Form, LCMs, Improper Fractions, and Mixed Numbers	Unit 9	
	How to Solve Percentage Problems 38	
	Practice Working with Percentages 41	
How to Add and Subtract Like and Unlike Fractions and Mixed Numbers	Unit 10 (Word Problems)	
	Simple Word Problems with Fractions and Decimals42	
	Simple Word Problems with Percents 43	
Unit 4	Unit 11 (Brain Teasers)	
How to Multiply Fractions, Whole Numbers,	Number Fun and Magic 344	
and Mixed Numbers	Cloud Cover, Thanksgiving Puzzle, and Kite Factory	
and Mixed Numbers 21	Unit 12 (Technology)	
Unit 5	Conduct a Survey and Create a	
How to Divide with Fractions	Circle Graph	
Practice Dividing with Fractions24	Answer Key	
Practice Dividing More Fractions 25		
Unit 6		
How to Add and Subtract Decimals26		
Practice Adding and Subtracting Decimals 28		

• • Simple Word Problems with Fractions and Percents

Directions: Solve the word problems below.

1. The Lincoln Way cheerleaders in Frankfort raised \$1,000.00 during the school year.



- a. Which activity collected the most money? _____
- **b.** Which activity collected the least amount of money? _____
- **c.** How much did they raise with the candy sale? _____
- d. How much money did they raise with the car wash? _____
- e. How much money did they raise at the school store? _____
- 2. Mrs. Anderson's Girl Scout troop has \$600 in savings. The girls collected 50% of the money by recycling aluminum cans. Fifteen percent of the money came from donations and 35% of it came from their annual auction. How much money was raised by selling cans, donations, and by having an auction?
- **3.** Your purchases total \$24.95. If the sales tax rate is 6%, what is the total amount that you must pay? (Round to the nearest penny.) _____
- **4.** Art walked 1 $\frac{1}{4}$ miles Monday, 2 $\frac{3}{4}$ miles Tuesday, and 1 $\frac{1}{2}$ miles Wednesday. How many miles did he walk?
- 5. Andrew's dad drove 60 miles per hour to get to the amusement park. It took them 1 hour and 20 minutes. How many miles is it to the amusement park?

Cloud Cover

Help the weather forecaster explain what percent of the sky will be covered by clouds.

Туре	Description	Write the Percentages
Clear	Sky has no clouds or clouds cover less than $\frac{1}{10}$ of the sky.	from 0 to 10%
Scattered	An average of $\frac{1}{10}$ to $\frac{5}{10}$ is covered.	
Broken	Clouds covered $\frac{5}{10}$ to $\frac{9}{10}$ of the sky.	
Overcast	Clouds covered $\frac{9}{10}$ of the sky.	

Thanksgiving Puzzle

Can you solve this Thanksgiving puzzle? **T** has been done for you. One of the letters is extra and does not belong in the puzzle.

- 1. T: It is a multiple of 2. It is greater than 3.
- **2.** M: It is greater than $(\frac{10}{5})$. It is less than T 2.
- **3.** U: It is a multiple of 5. It is greater than M.
- **4.** R = M + T 1
- **5.** Y: Divide T by M.
- **6.** L: $U \times L = U$
- **7.** O: It is greater than T M. It is less than 5.
- **8.** H: H O = M
- **9.** P = U U

Kite Factory

On a visit to a kite factory, Guadalupe noticed that the kites are made in the following repeated order: dragon, box, bat, fish, tiger, turkey. What will the design be on the 77th kite?