

TABLE OF CONTENTS

Acknowledgments.....III
Introduction.....IV



Chapter 1 WHOLE NUMBERS

Lesson	Page
1. Number Sense.....	3
2. Expressions	47
3. Equations	64



Chapter 3 DECIMALS

Lesson	Page
1. Number Sense.....	126
2. Expressions	152
3. Equations and Inequalities.....	162



Chapter 2 INTEGERS

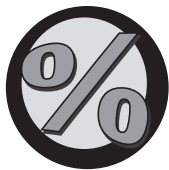
Lesson	Page
1. Number Sense.....	78
2. Expressions	102
3. Equations and Inequalities.....	115



Chapter 4 FRACTIONS

Lesson	Page
1. Number Sense.....	172
2. Expressions	197
3. Equations and Inequalities.....	209

TABLE OF CONTENTS CONT...



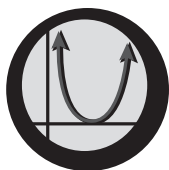
Chapter 5 RATIO, PROPORTION, AND PERCENT

Lesson	Page
1. Ratio and Proportion.....	222
2. Percents	233



Chapter 7 DATA ANALYSIS AND PROBABILITY

Lesson	Page
1. Data Analysis.....	264
2. Statistical Graphs	272
3. Probability	290



Chapter 6 COORDINATE PLANES

Lesson	Page
1. Graphing	250

ACTIVITY

5

INTERPRET MY STEM LEAF PLOT**Structure: Sage-N-Scribe**

For problems 8–14, use the graph below. The graph represents the price of cars at a local dealership, in the thousands.

Stem	Leaves
1	2, 4, 5, 5, 5, 8
2	0, 1, 3, 3, 4, 7, 9, 9, 9
3	0, 1, 2, 5, 5, 8, 8, 9
4	2, 5, 6, 6, 7
5	8

8. Write the data as a list.
9. Find the mean. Round to the nearest thousand.
10. Find the median.
11. Find the mode.
12. Find the range.
13. Which is the best measure of central tendency? Explain.
14. What percent of cars are between \$25,000 and \$36,000? Round to the nearest tenth of a percent.

Answers:

1. 6, 7, 7, 9, 12, 14, 18, 18, 18, 21, 24, 24, 29, 33, 35, 35, 37, 38, 39, 44, 48, 49, 52, 54, 65
2. 29.44
3. 29
4. 18
5. 59
6. mean or median because they are so close and there are not any really small or large numbers
7. 24%
8. 12, 14, 15, 15, 15, 18, 20, 21, 23, 23, 24, 27, 29, 29, 29, 29, 30, 31, 32, 35, 35, 38, 38, 39, 42, 45, 46, 46, 47, 58
9. 30,000
10. 29,000
11. 29,000
12. 46,000
13. median or mode because a little more than half the data is 29,000 or below
14. 33.3%