

## Table of Contents

# Problem Solving Skills and Applications

|                  |   |    |
|------------------|---|----|
| Pre-Test .....   | 3   |    |
| <b>Lesson 1</b>  | Find the Facts and the Question .....                                   | 4  |
| <b>Lesson 2</b>  | Understand the Question (add and subtract) .....                        | 6  |
| <b>Lesson 3</b>  | Decide What to Do and Answer the Question .....                         | 8  |
| <b>Lesson 4</b>  | Solve Addition and Subtraction Problems.....                            | 10 |
| <b>Lesson 5</b>  | Estimate the Answer .....   | 12 |
| <b>Lesson 6</b>  | Choose the Best Estimate.....   | 14 |
|                  | Review and Application.....   | 16 |
| <b>Lesson 7</b>  | Too Little or Too Much Information .....                                | 18 |
| <b>Lesson 8</b>  | Guess and Check .....   | 20 |
| <b>Lesson 9</b>  | Work Backwards .....  | 22 |
| <b>Lesson 10</b> | Read and Use a Road Map .....   | 24 |
| <b>Lesson 11</b> | Read and Use a Picture Graph .....                                      | 26 |
| <b>Lesson 12</b> | Understand the Question (multiply and divide) .....                     | 28 |
|                  | Review and Application.....   | 30 |
| <b>Lesson 13</b> | Decide What to Do and Answer the Question<br>(multiply and divide)..... | 32 |
| <b>Lesson 14</b> | Solve Multiplication and Division Problems .....                        | 34 |
| <b>Lesson 15</b> | Choose the Correct Operation (add, subtract,<br>multiply, divide) ..... | 36 |
| <b>Lesson 16</b> | Choose the Correct Number Sentence .....                                | 38 |
| <b>Lesson 17</b> | Solve Problems (add, subtract, multiply, divide).....                   | 40 |
| <b>Lesson 18</b> | Ask a Question .....  | 42 |
|                  | Review and Application.....   | 44 |
| Post-Test .....  | 46  |    |
| Answer Key ..... | 47  |    |