

# Contents

## Section I

|   |    |
|---|----|
| Overview  |    |
| 1. 4-Digit Numbers .....                        | 6  |
| 2. Addition and Subtraction .....               | 8  |
| 3. Multiplication.....                          | 12 |
| 4. Division .....                               | 16 |
| 5. More about Multiplication and Division ..... | 20 |
| Midway Review.....                              | 22 |
| 6. Measurement.....                             | 26 |
| 7. Money.....                                   | 28 |
| 8. Fractions and Decimals .....                 | 32 |
| 9. Graphs .....                                 | 36 |
| 10. Probability.....                            | 40 |
| Final Review.....                               | 42 |

## Section II

|   |     |
|---|-----|
| Overview  |     |
| 1. Introducing Multiplication.....                | 48  |
| 2. Multiplying by 2 or 5.....                     | 52  |
| 3. Multiplying by 3 or 4.....                     | 56  |
| 4. Multiplying by 6 or 7.....                     | 60  |
| 5. Multiplication Facts to 49.....                | 64  |
| 6. Multiplying by 8, 9, 0, or 1.....              | 68  |
| 7. More Multiplying .....                         | 72  |
| 8. Introducing Division.....                      | 76  |
| Midway Review.....                                | 80  |
| 9. Multiplication and Division Fact Families..... | 84  |
| 10. Dividing by 1, 2, or 3 .....                  | 88  |
| 11. Dividing by 4 or 5 .....                      | 92  |
| 12. Dividing by 6 or 7 .....                      | 96  |
| 13. Dividing by 8 or 9 .....                      | 100 |
| 14. Division with Remainders.....                 | 104 |
| 15. More Dividing.....                            | 108 |
| 16. More Multiplying and Dividing.....            | 112 |
| Final Review.....                                 | 116 |

## Section III

|                      |     |
|----------------------|-----|
| Overview             |     |
| 1. Multiples.....    | 122 |
| 2. Parentheses ..... | 126 |

|     |                                   |     |
|-----|-----------------------------------|-----|
| 3.  | Addition and Subtraction .....    | 128 |
| 4.  | Multiplication.....               | 130 |
| 5.  | Division .....                    | 134 |
| 6.  | Length.....                       | 138 |
| 7.  | Time .....                        | 140 |
| 8.  | Triangles .....                   | 142 |
| 9.  | Perimeter.....                    | 144 |
| 10. | Bar Graphs .....                  | 146 |
| 11. | 5-Digit Numbers .....             | 148 |
|     | Midway Review.....                | 150 |
| 12. | Factors .....                     | 156 |
| 13. | More about Division.....          | 160 |
| 14. | Mixed Operations .....            | 164 |
| 15. | Money.....                        | 166 |
| 16. | Fractions.....                    | 170 |
| 17. | Capacity.....                     | 174 |
| 18. | Shapes .....                      | 176 |
| 19. | Prisms and Pyramids.....          | 178 |
| 20. | Bar Graphs and Circle Graphs..... | 180 |
| 21. | Transformations and Grid.....     | 184 |
|     | Final Review.....                 | 186 |

### Section IV

|     |                                |     |
|-----|--------------------------------|-----|
|     | Overview                       |     |
| 1.  | Numeration .....               | 194 |
| 2.  | Addition and Subtraction ..... | 196 |
| 3.  | Multiplication.....            | 200 |
| 4.  | Division .....                 | 204 |
| 5.  | Fractions.....                 | 208 |
| 6.  | Money.....                     | 212 |
|     | Midway Review.....             | 216 |
| 7.  | Capacity and Mass .....        | 220 |
| 8.  | Length.....                    | 224 |
| 9.  | Patterns.....                  | 228 |
| 10. | Geometry.....                  | 232 |
| 11. | Pictographs.....               | 236 |
| 12. | Bar Graphs .....               | 238 |
|     | Final Review.....              | 240 |

|                             |     |
|-----------------------------|-----|
| <b>Parents' Guide</b> ..... | 245 |
| <b>Answers</b> .....        | 249 |

# 1

## 4-Digit Numbers

Write the numbers. Then put the numbers in order.

|  |          |      |      |  |           |          |      |      |  |  |  |  |  |           |          |      |      |
|--|----------|------|------|--|-----------|----------|------|------|--|--|--|--|--|-----------|----------|------|------|
| <p>①</p> <table style="width: 100%; text-align: center;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> <tr> <td>Thousands</td> <td>Hundreds</td> <td>Tens</td> <td>Ones</td> </tr> </table> <p>_____</p> |          |      |      |  | Thousands | Hundreds | Tens | Ones | <p>②</p> <table style="width: 100%; text-align: center;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> <tr> <td>Thousands</td> <td>Hundreds</td> <td>Tens</td> <td>Ones</td> </tr> </table> <p>_____</p> |  |  |  |  | Thousands | Hundreds | Tens | Ones |
|  |          |      |      |  |           |          |      |      |  |  |  |  |  |           |          |      |      |
| Thousands  | Hundreds | Tens | Ones |  |           |          |      |      |  |  |  |  |  |           |          |      |      |
|  |          |      |      |  |           |          |      |      |  |  |  |  |  |           |          |      |      |
| Thousands  | Hundreds | Tens | Ones |  |           |          |      |      |  |  |  |  |  |           |          |      |      |
| <p>③</p> <table style="width: 100%; text-align: center;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> <tr> <td>Thousands</td> <td>Hundreds</td> <td>Tens</td> <td>Ones</td> </tr> </table> <p>_____</p> |          |      |      |  | Thousands | Hundreds | Tens | Ones | <p>④</p> <table style="width: 100%; text-align: center;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> <tr> <td>Thousands</td> <td>Hundreds</td> <td>Tens</td> <td>Ones</td> </tr> </table> <p>_____</p> |  |  |  |  | Thousands | Hundreds | Tens | Ones |
|  |          |      |      |  |           |          |      |      |  |  |  |  |  |           |          |      |      |
| Thousands  | Hundreds | Tens | Ones |  |           |          |      |      |  |  |  |  |  |           |          |      |      |
|  |          |      |      |  |           |          |      |      |  |  |  |  |  |           |          |      |      |
| Thousands  | Hundreds | Tens | Ones |  |           |          |      |      |  |  |  |  |  |           |          |      |      |
| <p>⑤ Write the numbers in order, from the largest to the smallest.</p> <p>_____ , _____ , _____ , _____</p>  |          |      |      |  |           |          |      |      |  |  |  |  |  |           |          |      |      |

Write the numbers or words.

- ⑥ The largest 4-digit number with 5, 6, 1, and 4 \_\_\_\_\_
- ⑦ The smallest 4-digit number with 3, 0, 8, and 6 \_\_\_\_\_
- ⑧ The largest 4-digit odd number with 5, 9, 2, and 3 \_\_\_\_\_
- ⑨ The smallest 4-digit even number with 1, 7, 4, and 2 \_\_\_\_\_
- ⑩ The number 2,341 in words \_\_\_\_\_
- ⑪ The number 4,102 in words \_\_\_\_\_
- ⑫ The number 7,009 in words \_\_\_\_\_

**Riverview School is collecting pennies for a local hospital. See how many pennies each jar can hold. Then answer the questions.**

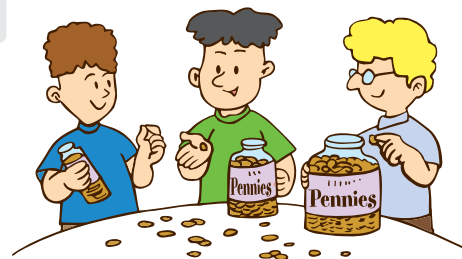
Big Jar



Medium Jar



Small Jar



- ⑬ Grade 1 fill 1 big jar and 2 medium jars. How many pennies do they collect? \_\_\_\_\_ pennies
- ⑭ Grade 2 fill 2 big jars and 5 small jars. How many pennies do they collect? \_\_\_\_\_ pennies
- ⑮ Grade 3 fill 3 big jars and 4 medium jars. How many pennies do they collect? \_\_\_\_\_ pennies
- ⑯ Grade 4 fill 2 big jars, 2 small jars, and collect 5 more pennies. How many pennies do they collect? \_\_\_\_\_ pennies
- ⑰ Grade 5 collect 3,000 pennies. How many big jars do they fill? \_\_\_\_\_ big jars
- ⑱ Grade 6 collect 900 pennies. How many medium jars do they fill? \_\_\_\_\_ medium jars
- ⑲ Which grade collects the most pennies? Grade \_\_\_\_\_
- ⑳ 9,380 pennies are collected. How many jars of different sizes can be fully filled, using the fewest jars?

---

# 2

## Addition and Subtraction

The table shows the number of students in 5 high schools. Read the table and answer the questions.

|                    | Allentown School | Brownsville School | Cedarbrae School | Davisville School | Eagletown School |
|--------------------|------------------|--------------------|------------------|-------------------|------------------|
| Number of students | 1,050            | 1,025              | 1,330            | 1,040             | 1,245            |

- ① Which school has the largest number of students?  
\_\_\_\_\_
- ② Which school has the smallest number of students?  
\_\_\_\_\_
- ③ 426 students in Allentown School are girls. How many boys are in Allentown School?  
\_\_\_\_\_ = \_\_\_\_\_ boys
- ④ 50 students are transferred from Brownsville School to Cedarbrae School. How many students are now in Brownsville School?  
\_\_\_\_\_ = \_\_\_\_\_ students
- ⑤ How many students are now in Cedarbrae School?  
\_\_\_\_\_ = \_\_\_\_\_ students
- ⑥ 250 students of Davisville School go to school by bus. How many students of the school do not go to school by bus?  
\_\_\_\_\_ = \_\_\_\_\_ students
- ⑦ 319 students of Eagletown School wear glasses. How many students of the school do not wear glasses?  
\_\_\_\_\_ = \_\_\_\_\_ students

**Uncle William recorded the number of sandwiches and pitas sold last month. Look at his record and answer the questions.**

|          | Roast Beef | Chicken Salad | Turkey Breast |
|----------|------------|---------------|---------------|
| Sandwich | 582        | 394           | 1,325         |
| Pita     | 1,429      | 1,066         | 849           |

⑧ How many roast beef sandwiches and pitas were sold?

\_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ roast beef sandwiches and pitas were sold.

⑨ How many chicken salad sandwiches and pitas were sold?

\_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ chicken salad sandwiches and pitas were sold.

⑩ How many turkey breast sandwiches and pitas were sold?

\_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ turkey breast sandwiches and pitas were sold.

⑪ How many sandwiches were sold?

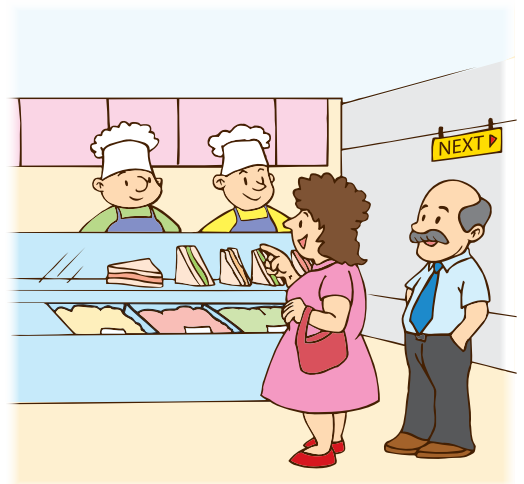
\_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ sandwiches were sold.

⑫ How many pitas were sold?

\_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ pitas were sold.



⑬ How many fewer sandwiches than pitas were sold?

\_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ fewer sandwiches than pitas were sold.