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Introduction

The old adage “practice makes perfect” can really hold true for children and their education. The more practice a child has with concepts being taught in school, the more success they are likely to find. For many parents, knowing how to support their child’s learning can be frustrating. This book is designed to eliminate the guesswork for parents using it at home while also being a valuable resource for educators using it in the classroom.

Here’s how: Grade 3 students need a certain set of skills in order to be able to understand and work with math concepts. *Practice Makes Perfect: Math Review* covers the following skills:

- writing numbers
- adding and subtracting
- rounding
- multiplying and dividing
- working with fractions and decimals
- understanding place value
- working with angles, lines, and line segments
- using standard form and expanded form
- finding the perimeter, area, and volume
- finding important information
- solving word problems

Inside This Resource

Practice Pages (pages 4–39)—There are 36 practice pages organized sequentially so that children can build their knowledge from more basic skills to higher-level math skills.

Practice Tests (pages 40–45)—These 6 mixed-skills practice tests are given in a multiple-choice format designed to prepare students for the standardized tests administered in schools.

Answer Sheet (page 46)—This optional sheet provides a similar format to those found on standardized tests. This “bubble-in” answer sheet can be used in the classroom or at home.

Answer Key (pages 47–48)—This comprehensive key provides the answers for all of the practice pages and the practice tests.

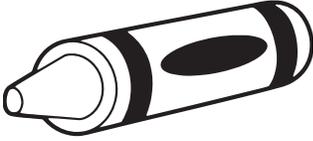
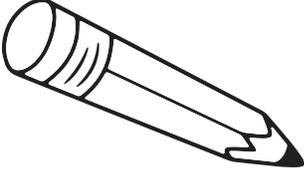
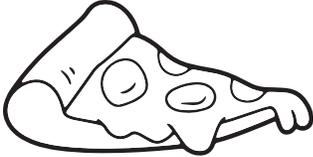
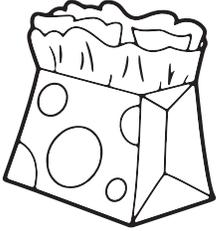
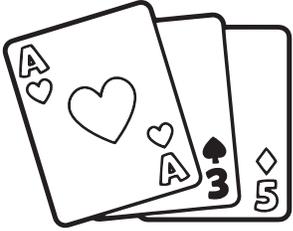
Helpful Tips

- Keep practice sessions short, positive, and constructive.
- Help with instructions. Consider asking your child to underline or repeat what they are being asked to find or solve on each page.
- Provide extra guidance and support in the areas in which your child is struggling. Look for ways to apply these skills to real-life situations.

Practice 14Using Division to
Find Unit Costs

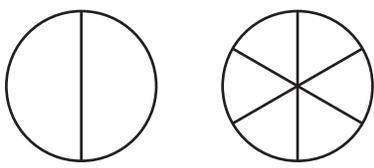
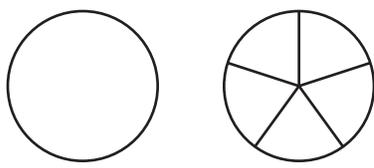
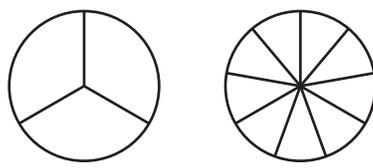
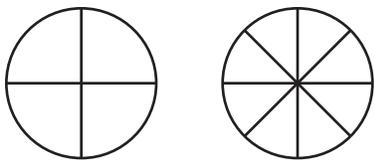
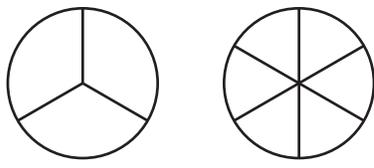
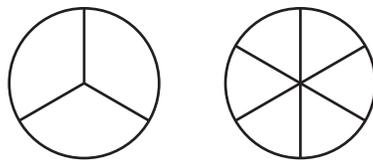
Name: _____

Use division to find the unit cost for each item at each store. Circle the better deal. The first one has been done for you.

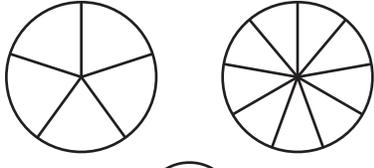
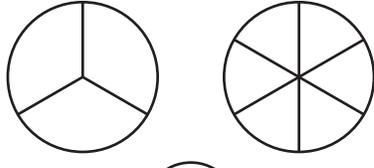
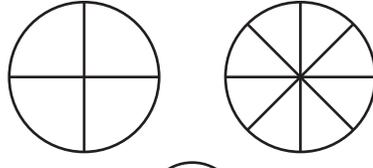
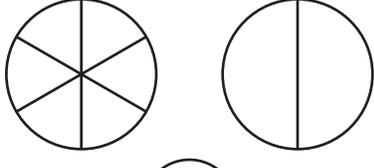
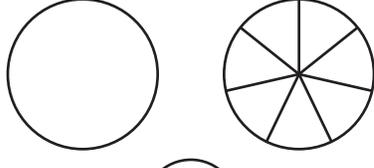
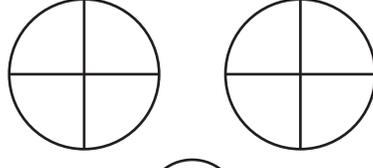
| Item | We Cost U Less | Bigger Is Better | Best Unit Price |
|--|--------------------|----------------------|------------------------------------|
| 1.  | 1 crayon for \$.80 | 5 crayons for \$3.00 | I crayon for <u>\$0.60</u> each |
| 2.  | 1 pencil for \$.10 | 6 pencils for \$1.20 | I pencil for _____ each |
| 3.  | 1 slice for \$2.00 | 7 slices for \$5.60 | I slice for _____ each |
| 4.  | 1 bag for \$3.50 | 2 bags for \$5.00 | I bag for _____ each |
| 5.  | 1 deck for \$.70 | 2 decks for \$.90 | I deck for _____ each |
| 6.  | 1 book for \$6.80 | 4 books for \$60.00 | I book for _____ each |

Name: _____

Shade in the correct amount on each circle to show the equivalent fractions.

| | | |
|---|--|---|
| <p>1.</p>  <p style="text-align: center;">$\frac{1}{2} = \frac{3}{6}$</p> | <p>2.</p>  <p style="text-align: center;">$\frac{1}{1} = \frac{5}{5}$</p> | <p>3.</p>  <p style="text-align: center;">$\frac{2}{3} = \frac{6}{9}$</p> |
| <p>4.</p>  <p style="text-align: center;">$\frac{2}{4} = \frac{4}{8}$</p> | <p>5.</p>  <p style="text-align: center;">$\frac{1}{3} = \frac{2}{6}$</p> | <p>6.</p>  <p style="text-align: center;">$\frac{2}{3} = \frac{4}{6}$</p> |

Use the > (greater than), < (less than), or = (equal to) symbols to compare each set of fractions.

| | | |
|---|--|---|
| <p>7.</p>  <p style="text-align: center;">$\frac{2}{5}$ ○ $\frac{8}{9}$</p> | <p>8.</p>  <p style="text-align: center;">$\frac{1}{3}$ ○ $\frac{1}{6}$</p> | <p>9.</p>  <p style="text-align: center;">$\frac{1}{4}$ ○ $\frac{2}{8}$</p> |
| <p>10.</p>  <p style="text-align: center;">$\frac{3}{6}$ ○ $\frac{1}{2}$</p> | <p>11.</p>  <p style="text-align: center;">$\frac{1}{1}$ ○ $\frac{6}{7}$</p> | <p>12.</p>  <p style="text-align: center;">$\frac{2}{4}$ ○ $\frac{3}{4}$</p> |

Name: _____

Favorite Animals

| | | | | | | | | |
|----------|---|---|---|---|--|---|---|---|
| frog |  |  |  |  | | | | |
| owl |  |  |  | | | | | |
| elephant |  |  |  |  |  |  | | |
| monkey |  |  |  |  |  |  |  |  |
| zebra |  | | | | | | | |

each picture = 25 people

Use the chart to answer the questions.

- How many people like zebras best? _____
- Do more people like frogs or owls? _____
- How many people like elephants? _____
- How many people like monkeys? _____

Use the information from the chart to solve each problem.

- | | |
|---|---|
| <p>5. monkeys + zebras = _____</p> | <p>6. owls \times 3 = _____</p> |
| <p>7. elephants \div 5 = _____</p> | <p>8. frogs \times 4 = _____</p> |
| <p>9. owls - zebras = _____</p> | <p>10. elephants - frogs = _____</p> |