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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: As Grade 3 students encounter word problems, they need a certain set of skills in order to be able to understand and solve those problems. This book reviews both the basic math skills needed to find the answers *and* the process skills students need to understand what is being asked and what needs to be done to arrive at the correct answer.

For Grade 3, *Practice Makes Perfect: Word Problems* covers the following skills:

Math Skills

- rounding to the nearest ten and hundred
- adding & subtracting without regrouping
- adding & subtracting with regrouping
- multiplying & dividing
- working with time, money & fractions
- using probability & greater than/less than
- finding area & averages

Process Skills

- understanding what is being asked
- understanding which operation is needed
- following steps in the correct order
- eliminating unnecessary information
- reading & following directions
- locating key vocabulary
- showing work

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.
- 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 3

Add and Subtract 3-Digit Numbers Without Regrouping

Name: _____

Read each word problem and decide if you need to add or subtract. Then solve the problem.

1. Jess delivers mail to 865 homes. So far, she has delivered mail to 423 homes. How many more homes does she still need to deliver mail to?

To solve this problem, I need to _____.	Write + or -. Solve.
(circle one)	
add subtract	$\begin{array}{r} 865 \\ 423 \\ \hline \end{array}$

2. Rami started a stamp collection last year. He collected 465 stamps last year. So far, he has collected 224 stamps this year. How many stamps does he have in all?

To solve this problem, I need to _____.	Write + or -. Solve.
(circle one)	
add subtract	$\begin{array}{r} 465 \\ 224 \\ \hline \end{array}$

3. Party Planners mailed 643 invitations on Monday. They mailed 323 invitations on Tuesday. How many invitations did they mail in the two days combined?

Write and solve the problem here. →
Circle your final answer.

4. The post office sold 735 books of stamps this holiday season and 957 books of stamps last holiday season. How many more stamp books did they sell last season?

Write and solve the problem here. →
Circle your final answer.

5. Rosie earned \$241 for her paper route in May. She earned \$325 for her route in June. How much did she earn for the two months combined?

Write and solve the problem here. →
Circle your final answer.

Practice 6*Subtract With
Regrouping*

Name: _____

Use subtraction and regrouping to solve each word problem. The first one is started for you.

1. Ronnie had 9,132 pennies. He put 8,050 of the pennies into his bank account. How many pennies does he have left?

Answer: _____ pennies

2. Halley's Comet was last seen from Earth in 1986. It will be seen again in 2061. How long after 1986 is 2061?

Answer: _____ years

3. Kwan's house number is 3197. Vance's house number is 364 lower than Kwan's. What is Vance's house number?

Answer: _____

4. Emmitt Smith rushed for 18,355 yards. Walter Payton rushed for 16,726. For how many more yards did Emmitt Smith rush?

Answer: _____ yards

5. Bert will drive his truck 5,145 total miles. He has already driven 3,728 miles. How many more miles does he have left to drive?

Answer: _____ miles

Show Your Work

$$\begin{array}{r} 013 \\ 9,132 \\ - 8,050 \\ \hline 82 \end{array}$$

Practice 17*Adding, Subtracting & Multiplying Numbers*

Name: _____

For each word problem, decide if you need to add, subtract, or multiply. Then find the answer.

1. The camel weighs 1,323 pounds. The moose weighs 1,312 pounds. Together, they weigh the same as the bison. How much does the bison weigh?

Circle your answer.

To solve this problem, I need to

add subtract multiply

Write and solve the problem.

2. The gorilla weighs 485 pounds. The moose weighs 1,312 pounds. The difference in weight between them is how much the tiger weighs. How much does the tiger weigh?

Circle your answer.

To solve this problem, I need to

add subtract multiply

Write and solve the problem.

3. The bear weighs 1,720 pounds, the camel 1,323 pounds, and the moose 1,312 pounds. Together, the three weigh as much as the hippo. How much does the hippo weigh?

Circle your answer.

To solve this problem, I need to

add subtract multiply

Write and solve the problem.

4. The giraffe weighs 2,646 pounds. The elephant weighs the same as 4 giraffes. How much does the elephant weigh?

Circle your answer.

To solve this problem, I need to

add subtract multiply

Write and solve the problem.

Name: _____

Use the prices in the top box to solve the word problems below. Use subtraction to figure out how much change each customer should receive.

Sam's Sports - Super Sales of the Week!

**Baseball
and Bat**
\$27.12

**Basketball
with Net**
\$78.45

**Soccer Ball
and Goal**
\$33.61

**Skateboard
with Helmet**
\$56.93

1. Mia has \$78.91. She buys a basketball with a net.

$$\begin{array}{r} \$ \quad . \\ - \$ \quad . \\ \hline \$ \quad . \end{array}$$

Mia's change is \$_____.

2. Nate has \$45.52. He buys a soccer ball and goal.

$$\begin{array}{r} \$ \quad . \\ - \$ \quad . \\ \hline \$ \quad . \end{array}$$

Nate's change is \$_____.

3. Kay has \$32.63. She buys a baseball and bat.

$$\begin{array}{r} \$ \quad . \\ - \$ \quad . \\ \hline \$ \quad . \end{array}$$

Kay's change is \$_____.

4. Norm has \$92.99. He buys a skateboard with helmet.

$$\begin{array}{r} \$ \quad . \\ - \$ \quad . \\ \hline \$ \quad . \end{array}$$

Norm's change is \$_____.

5. Mike bought a sales item at Sam's Sports. He used a \$100 bill. He was given \$72.88 in change. Which of the sales items did he buy? Shade in the box of your choice.

Baseball
and Bat

Basketball
with Net

Soccer Ball
and Goal

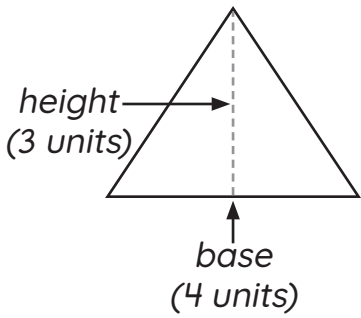
Skateboard
with Helmet

Practice 34

*Finding the Area
(Triangles)*

Name: _____

For each problem, draw and label the shape. Then find the area. Use the formula to help you.

F O R M U L A	<p>To find the area of a triangle, multiply the base times the height and then divide by 2.</p>		
	<p>Area of Triangle = $\frac{\text{Base} \times \text{Height}}{2}$</p>		<p style="text-align: right;">$\text{Area} = \frac{4 \times 3}{2}$</p> <p style="text-align: right;">$\text{Area} = \frac{12}{2}$</p> <p style="text-align: right;">Area = 6 square units</p>

Information	Drawing with Labels	Area
1. A triangle has a base of 5 units and a height of 6 units. What is the triangle's area?		<p>_____</p> <p>square units</p>
2. A triangle has a base of 2 units and a height of 4 units. What is the triangle's area?		<p>_____</p> <p>square units</p>
3. A triangle has a base of 5 units and a height of 4 units. What is the triangle's area?		<p>_____</p> <p>square units</p>
4. A triangle has a base of 3 units and a height of 6 units. What is the triangle's area?		<p>_____</p> <p>square units</p>

Name: _____

Fill in the bubble beside each correct answer.

1. Alexi had \$4.00 in pennies. How many pennies did Alexi have?

- (A) 4 (C) 400
(B) 40 (D) 4,000

2. Anh put 1,000 seeds into 100 small envelopes. How many seeds did Anh put in each envelope?

- (A) 1 (C) 100
(B) 10 (D) 1,000

3. A 6-pack of soda cans cost \$5.64. What is the cost of one can of soda?

- (A) \$1.14 (C) \$0.94
(B) \$1.04 (D) \$0.84

4. A box with 12 packs of gum costs \$4.80. What is the cost of one pack of gum?

- (A) \$0.41 (C) \$0.40
(B) \$0.04 (D) \$0.34

Bake Sale!

Bread
\$2.40 per loaf

Muffins
\$1.10 each

Donuts
\$0.70 each

5. Using the menu to the left, calculate how much Janna spent. She bought 2 loaves of bread, 2 muffins, and 1 donut.

- (A) \$7.80 (B) \$7.70 (C) \$8.70 (D) \$8.00

6. Using the menu to the left, calculate how much Julez spent. She bought 6 donuts and 5 muffins.

- (A) \$8.90 (B) \$9.10 (C) \$8.10 (D) \$9.70