

3rd Grade Math Word Problems

3rd Grade Math Worksheet

Name _____ Date _____

Word Problem - Subtraction

Solve.

- 1) _ Some plums were in the basket. Six plums were taken from the basket. Now there are zero plums. How many plums were in the basket before some of the plums were taken?
- 2) _ Eight plums were in the basket. Some of the plums were removed from the basket. Now there are five plums. How many plums were removed from the basket?
- 3) _ Six peaches were in the basket. Some of the peaches were removed from the basket. Now there are two peaches. How many peaches were removed from the basket?
- 4) _ Audrey has one fewer apple than Ellen. Ellen has five apples. How many apples does Audrey have?
- 5) _ Allan has two oranges. Marin has three oranges. How many more oranges does Marin have than Allan?
- 6) _ Four balls are in the basket. Four are red and the rest are green. How many balls are green?
- 7) _ Six marbles are in the basket. Four marbles are taken out of the basket. How many marbles are in the basket now?
- 8) _ Two marbles are in the basket. Two are red and the rest are green. How many marbles are green?

3rd grade math word problems are an essential aspect of elementary education, serving as a bridge between abstract mathematical concepts and real-world applications. As students progress through their third-grade curriculum, they encounter various types of word problems that challenge their understanding of addition, subtraction, multiplication, division, and basic geometry. This article will explore the significance of these problems, provide strategies for solving them, categorize different types of word problems, and offer tips for parents and educators to support students in mastering this critical skill.

Importance of Word Problems in 3rd Grade Math

Word problems are crucial for several reasons:

1. Application of Concepts: They help students apply mathematical concepts to everyday situations,

making math more relevant and engaging.

2. Critical Thinking: Solving word problems requires students to think critically, analyze information, and develop problem-solving strategies.

3. Reading Comprehension: These problems enhance reading skills as students must comprehend the text to identify the mathematical operations required.

4. Preparation for Future Learning: Mastering word problems in third grade lays a foundation for more complex mathematical concepts in higher grades.

Strategies for Solving Word Problems

To effectively tackle 3rd grade math word problems, students can employ various strategies:

1. Read the Problem Carefully

Encourage students to read the problem multiple times to ensure they understand what is being asked. They should highlight or underline key information and numbers.

2. Identify the Question

Ask students to determine what the problem is asking them to find. This often involves rephrasing the question in their own words.

3. Determine the Operation

Students should identify which mathematical operations are needed to solve the problem. Common operations include:

- Addition
- Subtraction
- Multiplication
- Division

4. Organize the Information

Students can create a visual representation, such as a drawing or a chart, to clarify the problem. This can help them see relationships between different elements.

5. Solve the Problem

Once they have organized the information, students can perform the necessary calculations.

6. Check the Answer

Encourage students to review their work to ensure their answer makes sense in the context of the

problem.

Types of 3rd Grade Math Word Problems

3rd grade math word problems can be categorized into several types:

1. Addition and Subtraction Problems

These problems involve finding the total or the difference between two or more quantities. For example:

- Example 1: Sarah has 15 apples, and she picks 7 more. How many apples does she have now?
- Example 2: There were 20 students in the class. If 5 students went home, how many students are left?

2. Multiplication and Division Problems

These problems require students to group items or share them equally. For instance:

- Example 1: A box contains 8 cookies, and there are 5 boxes. How many cookies are there in total?
- Example 2: If 24 candies are shared equally among 4 friends, how many candies does each friend get?

3. Mixed Operations Problems

These problems require students to use more than one operation to find the solution.

- Example 1: Emma has 12 stickers. She buys 5 more and then gives 3 to her friend. How many stickers does she have left?
- Example 2: A farmer has 30 apples. He sells 10 apples and then buys 15 more. How many apples does he have now?

4. Fractions and Decimals Problems

Introducing basic fractions and decimals can be done through word problems such as:

- Example 1: A pizza is cut into 8 equal slices. If Jake eats 3 slices, what fraction of the pizza is left?
- Example 2: If a pencil costs \$2.50 and a pen costs \$1.75, how much do they cost together?

5. Measurement and Geometry Problems

These problems involve understanding shapes, areas, and volumes.

- Example 1: A rectangle has a length of 5 cm and a width of 3 cm. What is its perimeter?

- Example 2: If a garden is 4 meters long and 2 meters wide, what is the area of the garden?

Tips for Parents and Educators

Supporting students as they learn to solve 3rd grade math word problems can be highly beneficial. Here are some practical tips:

1. Practice Regularly

Encourage regular practice with a variety of word problems to build confidence and proficiency. This can include worksheets, online resources, or math games.

2. Create a Positive Environment

Foster a positive attitude towards math by celebrating small successes and showing enthusiasm for problem-solving.

3. Use Real-Life Examples

Incorporate math into daily life by using real-world scenarios. For example, ask students to calculate the total cost while grocery shopping or the time it takes to travel to a destination.

4. Encourage Group Work

Allow students to work in pairs or small groups to solve problems. Collaborative learning can help them share strategies and enhance understanding.

5. Be Patient and Supportive

Recognize that learning math can be challenging for some students. Provide support and encouragement, and be patient as they work through difficult problems.

6. Integrate Technology

Utilize educational apps and online games that focus on word problem-solving to make learning interactive and fun.

Conclusion

In conclusion, 3rd grade math word problems are a vital part of the mathematics curriculum that promotes critical thinking, problem-solving skills, and real-world application of math concepts. By

employing effective strategies, understanding different types of problems, and fostering a supportive learning environment, parents and educators can help students develop confidence in their mathematical abilities. Through practice and encouragement, students will not only improve their problem-solving skills but also gain a deeper appreciation for the role of math in their everyday lives.

Frequently Asked Questions

If there are 24 apples and you divide them equally among 6 baskets, how many apples will each basket have?

Each basket will have 4 apples.

Samantha has 15 marbles and she buys 8 more. How many marbles does she have now?

Samantha has 23 marbles now.

A library has 100 books. If 25 books are checked out, how many books are left in the library?

There are 75 books left in the library.

Tom has 5 packs of stickers. Each pack has 10 stickers. How many stickers does Tom have in total?

Tom has 50 stickers in total.

If a pizza is cut into 8 equal slices and you eat 3 slices, how many slices are left?

There are 5 slices left.

A farmer has 12 cows and 8 sheep. How many animals does the farmer have in total?

The farmer has 20 animals in total.

Lucy has 48 candies and wants to share them equally with her 3 friends. How many candies will each person get?

Each person will get 12 candies.

If a toy costs \$15 and you have \$45, how many toys can you buy?

You can buy 3 toys.

A box contains 20 chocolates. If you eat 4 chocolates every day, how many days will the box last?

The box will last for 5 days.

There are 9 fish in a tank. If 3 more fish are added, how many fish are there now?

There are 12 fish in the tank now.

Find other PDF article:

<https://soc.up.edu.ph/25-style/files?docid=LQP05-5579&title=gizmo-color-absorption-answer-key.pdf>

3rd Grade Math Word Problems

What do we call the “rd” in “3rd” and the “th” in “9th”?

Aug 23, 2014 · Our numbers have a specific two-letter combination that tells us how the number sounds. For example 9th 3rd 301st What do we call these special sounds?

1st 2nd 3rd ... 10th _____ **10th** _____ ...

third 3rd fourth 4th fifth 5th sixth 6th seventh 7th eighth 8th _____ ninth 9th tenth _____ eleventh 11th twelfth 12th thirteenth 13th fourteenth 14th ...

3rd 3th - _____

Oct 21, 2024 · 3rd _____ 3rd _____ “third” _____ 3rd 3th _____ 3th _____ 3rd _____ ...

_____ **3rd 10th 25th** _____ - _____

_____ 3rd 10th 25th _____ _____ 1 _____

3rd 3th - _____

Feb 5, 2025 · 3rd 3th _____ “3rd” “third” _____ “3rd” _____ “3rd place” ...

_____ **3rd 10th 25th 50th 75th 90th 97th** _____ ...

_____ 3rd 10th 25th 50th 75th 90th 97th _____ 3 10 25 50 75 90 97 _____ _____ 1 _____ ...

_____ **3rd 3th** - _____

Feb 9, 2025 · _____ 3rd 3th _____ “3rd” _____ “third” _____ “3rd” _____ _____

_____ **rd th** _____ - _____

_____ rd th _____ _____: 1 rd _____ 3 23 3 3rd 23 23rd rd th third _____, _____: 3rd, 23rd, 33rd, 43rd 2 th _____ ...

What is the most correct form for 3 in ordinal form: 3rd or 3d? I know both are valid. But I heard that 3rd is something like spoken form and it's grammatically correct to use 3d.

Mar 31, 2010 · 3rd 3rd 3rd SAVE SC
ED SORA2 ...

Word Problems This sheet is designed as a review aid. If you have not previously studied this concept, or if after reviewing the contents you still don't pass, you should enroll in the ...

very, important, new, most, changed, big, improvement author's point of view he same or different from I agree with the author. Newton made many important contributions to math and science ...

001 010 CRM01 881077

Grade 3 Unit 3 Module 1 Practice Pages in Spanish for Math at Home The Bridges Second Edition
Module Packets, available from the Home Learning Resources page of the Bridges Educator Site, ...

The second you try can be done in pairs again or it can be used as an exit card (3rd grade). For 2nd, you might want to pick one of the problems from the independent practice sheet.

Addition word problems Grade 3 Math Word Problems Worksheet It's Spring Break at Rosewood High, so Rachel and her family decided to take a trip across Europe. 1. Since Rachel has always ...

The volume of a bottle of milk is 950 milliliters. What is the volume of 5 bottles?

Aug 6, 2023 · Equivalent Fractions Word Problems If a recipe calls for $\frac{2}{3}$ cup of flour, how much is needed for $\frac{4}{6}$ of the recipe? Ans: A rectangle has an area of $\frac{3}{4}$ square meters. ...

Length word problems Grade 3 Word Problems Worksheet 1. A piece of wire is 24 inches long. If the wire is cut into 6 equal pieces, how long is each piece of wire? 2. Last year, Sean was 105 cm tall. ...

3-DIGIT SUBTRACTION PROBLEMS SHEET 1B Work out these subtraction problems.

Mixed addition & subtraction word problems Grade 3 Math Word Problems Worksheet Katie loves to travel. On her birthday, she decided to go on a trip to a mysterious continent. 1. Her first ...

Third Grade Students' Challenges and Strategies to Solving Mathematical Word Problems

Shopping word problems worksheet - K5 Learning

If David buys a taco, a cola, an order of French-fries, and a milk shake, what will his change be if he pays \$20.00? Reading & Math for K-5 www.k5learning.com Shopping word problems Grade 3 ...

GRADE 3 SUPPLEMENT - Math Learning Center

H solve single- and multi-step word problems involving addition and subtraction of whole numbers and verify the solutions H round whole numbers through 10,000 to the nearest ten, hundred, and ...

Multiplication word problems - K5 Learning

Multiplication word problems Grade 3 Math Word Problems Worksheet 1. There are 46 birds perched on the branches of a tree. How many feet are there on the branches? 2. There are 397 ...

2-STEP ADDITION AND SUBTRACTION PROBLEMS UP TO 4 ...

2-STEP ADDITION AND SUBTRACTION PROBLEMS UP TO 4-DIGITS SHEET 1 Work out these 2-step addition and subtraction problems.

3rd Grade Mathematics Instructional Toolkit - Florida ...

3rd Grade Mathematics Instructional Toolkit The 3rd Grade Mathematics Instructional Toolkit is intended to assist teachers with planning lessons aligned to the Florida Standards. This toolkit is ...

Key Words Used in Math Word Problems - Typepad

left) how many did not have how many (or much) more how much longer (shorter, taller, heavier, etc.) less or less than lost minus need to reduce remain subtract take away

Grade 3 Mathematics - .NET Framework

Grade 3 Math concepts covered in this packet (Continued) Concept Solving Word Problems with Multiplication and Division Understanding Fraction Concepts Telling Time

Time word problems - K5 Learning

Time word problems Grade 3 Word Problems Worksheet On Fridays, Dr. Moore usually comes into his clinic at 9:30 in the morning and leaves at noon. 1. The first appointment is usually 12 minutes ...

Subtraction word problems worksheet - K5 Learning

Subtraction word problems Grade 3 Math Word Problems Worksheet Alicia loves collecting art. She has a whole house filled with all the art she had obtained since she was a little kid. When she ...

3-DIGIT ADDITION SUBTRACTION PROBLEMS SHEET 1A

3-DIGIT ADDITION SUBTRACTION PROBLEMS SHEET 1A Work out these addition and subtraction problems with no regrouping.

i-Ready Classroom Mathematics (2020) | 3rd Grade - IXL

Use IXL's interactive skill plan to get up-to-date skill alignments, assign skills to your students, and track progress.

Grade 3 - Module 9 - TIME, MASS AND VOLUME - NTN Math

Students will estimate and measure liquid volume and mass in metric units. Students will solve one-step word problems with mass or volume, in the same units, using addition, subtraction, ...

Time word problems - K5 Learning

Time word problems Grade 3 Word Problems Worksheet Mrs. Williams was making dinner. 1. She marinated the roast beef for 210 minutes. How much time (in hours) did she marinate the beef? ...

PowerPoint Presentation

4. Simon wanted to bake 24 cupcakes. He had 3 trays which fit them all in perfectly. How many cupcakes could each tray hold? _____ Answers Word Problems Grade 3 Word ...

Addition word problems worksheet - K5 Learning

Addition word problems Grade 3 Math Word Problems Worksheet Penny's class is going to Animaland, the largest zoo on earth, for their science field trip. The zoo has a variety of wild ...

Grade 3 division word problem worksheet - Ennis National School

Division word problems Grade 3 Math Word Problems Worksheet Read and answer each question. Haley loves to collect things. This year, she decided to give away part of her collection as it was ...

Microsoft Word - Grade 3 Math Rubric.docx - Haverhill Public ...

3.OA.3 Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities, e.g., by using drawings and equations with a ...

Grade 3 - Evan-Moor

write number sentences write word problems read and write numbers read and write number words round numbers to the nearest 10, 100, and 1,000 place value count by twos, threes, etc., up to ...

STAAR Grade 3 Mathematics May 2021 - Texas Education Agency

+ What number is equivalent to this expression? Record your answer and fill in the bubbles on your answer document. Be sure to use the correct place value. The bar graph shows the number of ...

3rd Grade Eureka Math Curriculum Document 2023-2024 Module 1

Topic # of Days Topic B Quiz End-of-Module Assessment

3rd Grade Two Step Math Problems [PDF] - dev.slidehunter.com

Division Word Problems ,2006 Math Word Problems 2nd Grade Rainbow Bridge Publishing,2002-05 Math Word Problems Sullivan Associates Staff,1972 Multiplication Word Problems ,2006 Open ...

Grade 3 - Mississippi Department of Education

Jun 12, 2017 • Handout 3.7: Exit Ticket Lesson Target(s): • Students will solve word problems with the four operations using rounding strategies. • Students will assess the reasonableness of ...

Math Mammoth Grade 3-A

Foreword Math Mammoth Grade 3-A and Grade 3-B worktexts comprise a complete math curriculum for third grade mathematics studies that meets and exceeds the Common Core ...

3rd Grade Unit 5: Two-Step Word Problems and Time

Overview: In this unit, students will solve two-step problems using all four operations; solve two-step addition and subtraction problems with unknowns in all positions; apply part-whole ...

Grade 2 Mathematics - .NET Framework

Grade 2 Mathematics Student At-Home Activity Packet This At-Home Activity Packet includes 22 sets of practice problems that align to important math concepts your student has worked with so ...

Microsoft Word - 01-Cover

The Open-Ended Problem-Solving Projections document includes a general set of questions that should be addressed by students as they solve the problems and during class discussion of the ...

Homework Practice and Problem-Solving Practice Workbook

• 117 Homework Practice worksheets- one for each lesson • 117 Problem-Solving Practice worksheets- one for each lesson to apply lesson concepts in a real-world situation

Microsoft Word - 01-Cover

OVERVIEW Grade 3 Mini-Assessments and Periodic Assessments MINI-ASSESSMENTS The Mini-Assessments were created with all students in mind and provide teachers with 10-question ...

IXL Skill Alignment | Big Ideas Math | 3rd grade

Use IXL's interactive skill plan to get up-to-date skill alignments, assign skills to your students, and track progress.

Subtraction word problems worksheet - K5 Learning

Subtraction word problems Grade 3 Math Word Problems Worksheet Jasmine and her mom went to the grocery to buy some food. Her mom gave her \$100 to spend. 1. Since Jasmine loves fruits, ...

Martha Ruttle - Math Learning Center

The pages in this Practice Book can be assigned in order to provide practice with key skills during each unit of the Bridges in Mathematics curriculum. The pages can also be used with other ...

Multiplication word problems worksheet - K5 Learning

Multiplication word problems Grade 3 Math Word Problems Worksheet The kids from Oakwood Elementary School are visiting a bird zoo for their field trip. 1. To get to the bird zoo from the ...

3rd Grade Common Core Math Word Problems

3rd Grade Common Core Math Word Problems: Singapore Math Challenge Word Problems, Grades 3 - 5 ,2019-04-04 GRADE 3 5 AGES 8 9 This book helps children find a variety of intriguing ...

2022 ACAP Summative Instruction Support - Math Grade 3

Determine and justify solutions for two-step word problems using the four operations and write an equation with a letter standing for the unknown quantity. Determine reasonableness of answers ...

problem-solving-and-cooking-printable_v2 - Scholastic

Cooking With Fractions Word Problems Directions: Practice using fractions by solving each of the 10 word problems below related to recipes, ingredients and portions.

Bar Modeling - School District of Clayton

Beginning in 2nd grade and continued in 3rd grade students learn to use the comparison bar model. Students learn to draw one bar above another and represent bars as longer or shorter.

"Unlock the secrets to mastering 3rd grade math word problems! Explore tips

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