



Grade 4 Math Word Problems With Answers

Name: _____ Date: _____
Mixed Word Problems 
1. Ellen had 2,080 Legos, but she lost 17 Legos. How many Legos does she have now?
2. Arthur baked 115 muffins. James baked 12 times as many. How many muffins did James bake?
3. There are 14,240 books in a library. They are arranged on shelves that hold 8 books each. How many shelves are in the library?
4. Willy has 1,850 crayons. Lucy has 739 crayons. How many more crayons does Willy have than Lucy?
5. Brad has 10,000 balloons. 626 of them are red and the rest are green. How many green balloons does Brad have?
 www.worksheetdigital.com

Grade 4 math word problems with answers are an essential component of the curriculum that helps students develop critical thinking and problem-solving skills. As children progress through their schooling, they encounter various mathematical concepts, and word problems are a practical way to apply these concepts to real-life situations. In this article, we will delve into different types of math word problems suitable for fourth graders, provide tips for solving them, and present a variety of examples along with their answers.

Understanding Grade 4 Math Word Problems

Grade 4 math word problems often involve basic arithmetic operations such as addition, subtraction, multiplication, and division. They may also introduce more complex concepts like fractions, decimals, and simple geometry. The goal of these problems is not only to practice mathematical calculations but also to enhance reading comprehension and analytical skills.

Types of Grade 4 Math Word Problems

There are several categories of word problems that fourth graders might encounter. Familiarizing students with these types can help them approach each problem with the right mindset. Here are the most common types:

- **Single-Step Problems:** Problems that require one mathematical operation to solve.
- **Multi-Step Problems:** Problems that involve two or more operations.
- **Comparison Problems:** Problems that involve comparing two quantities.
- **Part-Whole Problems:** Problems that require understanding how parts relate to a whole.
- **Rate Problems:** Problems that involve speed, distance, or frequency.

Strategies for Solving Word Problems

To effectively tackle grade 4 math word problems, students can employ various strategies. Here are some helpful approaches:

1. **Read the Problem Carefully:** Encourage students to read the problem multiple times to understand what is being asked.
2. **Identify Keywords:** Look for keywords that indicate which operations to use, such as "total" for addition or "difference" for subtraction.
3. **Visualize the Problem:** Drawing a picture or diagram can aid in grasping the problem better.

4. **Write an Equation:** Formulate an equation based on the information given in the problem.
5. **Check Your Work:** After solving the problem, it's crucial to check the answer to ensure it makes sense.

Examples of Grade 4 Math Word Problems with Answers

Now that we have a grasp of what grade 4 math word problems entail and how to solve them, let's look at some examples along with their solutions.

Example 1: Single-Step Problem

Problem: Sarah has 15 apples. She gives 6 apples to her friend. How many apples does Sarah have left?

Solution:

To find out how many apples Sarah has left, we subtract the number of apples she gave away from the total she had.

Equation: $15 - 6 = 9$

Answer: Sarah has 9 apples left.

Example 2: Multi-Step Problem

Problem: A bakery sells cupcakes for \$2 each and cookies for \$3 each. If a customer buys 3 cupcakes and 4 cookies, how much does the customer spend in total?

Solution:

First, calculate the cost of the cupcakes:

$$3 \text{ cupcakes} \times \$2 = \$6$$

Next, calculate the cost of the cookies:

$$4 \text{ cookies} \times \$3 = \$12$$

Now, add the two amounts to find the total cost:

$$\$6 + \$12 = \$18$$

Answer: The customer spends a total of \$18.

Example 3: Comparison Problem

Problem: Tom has 25 marbles, and Jerry has 18 marbles. How many more marbles does Tom have than Jerry?

Solution:

To find out how many more marbles Tom has, we subtract the number of marbles Jerry has from the number Tom has.

Equation: $25 - 18 = 7$

Answer: Tom has 7 more marbles than Jerry.

Example 4: Part-Whole Problem

Problem: A class has 30 students. If 18 are girls, how many boys are in the class?

Solution:

To find the number of boys, we subtract the number of girls from the total number of students.

Equation: $30 - 18 = 12$

Answer: There are 12 boys in the class.

Example 5: Rate Problem

Problem: If a car travels 60 miles in 1 hour, how far will it travel in 4 hours at the same speed?

Solution:

To find the distance traveled in 4 hours, we multiply the distance traveled in 1 hour by 4.

Equation: $60 \text{ miles} \times 4 = 240 \text{ miles}$

Answer: The car will travel 240 miles in 4 hours.

Tips for Parents and Teachers

To support students in mastering grade 4 math word problems, parents and teachers can take the following steps:

- **Encourage Regular Practice:** Provide students with a variety of word problems to solve at home or in class.
- **Use Real-Life Examples:** Incorporate word problems that relate to everyday life to make learning more engaging.
- **Foster a Positive Attitude:** Encourage students to approach problems with confidence and persistence.
- **Make It Fun:** Use games and interactive activities to teach problem-solving skills.

Conclusion

Grade 4 math word problems with answers play a vital role in developing a child's mathematical understanding and reasoning skills. By practicing different types of problems and employing effective strategies, students can enhance their ability to think critically and solve complex issues. With the right support and resources, they can become proficient in tackling math word problems and build a strong foundation for future mathematical learning.

Frequently Asked Questions

If Sarah has 24 apples and she wants to share them equally among 6 friends, how many apples will each friend get?

Each friend will get 4 apples.

A book has 120 pages. If Emma reads 15 pages each day, how many days will it take her to finish the book?

It will take Emma 8 days to finish the book.

There are 45 students in a class. If 9 students are absent, how many students are present?

There are 36 students present.

their school. When introducing themselves, telling others their grade and class, can they say "I'm ...

□□□□□□□□□□□□ - □□

95 96 95 1995 07 08 07 2007 2018 ...

a / the grade A - WordReference Forums

Mar 17, 2021 · "A" is a grade. So the phrases "an A" and "a grade" are natural. But "a grade A" is not natural. It is saying the same thing twice. We usually don't do that. Here's an example of doing ...

Score/scores, grade/grades or mark/marks? - WordReference Forums

Apr 20, 2007 · A mark is something you get in a test or exam or even on your homework. I got a mark of 75% in the last exam. My marks are not very good because I haven't been reading ...

□□□□ **K12** □□□□□□□? - □□

K12 kindergarten through twelfth grade K-Kindergarten 5-6 12-Grade Twelve 17-18 ...

grade/degree - WordReference Forums

Jan 4, 2010 · Cuál es la diferencia entre Degree y Grade, a nivel universitario? Estoy completando un formulario donde aparece: "Degree" y "Grade", en diferentes campos. Soy Licenciada en ...

grade 3? -

May 23, 2023 · grade 3? third year 4

Mark / Grade - WordReference Forums

May 12, 2006 · Mark: 1,2,3, etc. Grade: A, B, C, etc. I can't speak for BrEn, but that is not true in the US. Mr. Webster says: grade 6. A number, letter, or symbol indicating a student's level of ...

What grade(s) are you teaching? - WordReference Forums

Aug 2, 2019 · Bonjour ! This may seem like a basic question, but I want to make sure I say it correctly in French! If someone wanted to ask which grade(s) a teacher is teaching, would it be ...

	GPA CGPA
--	----------

GPA Grade Point Average CGPA
Grade point) Credit hours Credit hours

in class one, grade one - WordReference Forums

Oct 17, 2019 · Hi. I'm teaching a group of students. They are all first graders and in class one of their school. When introducing themselves, telling others their grade and class, can they say "I'm in class one, grade one". Thanks a lot

□□□□□□□□□□ - □□

95969519950708072007
2018XX2018XX2018

a / the grade A - WordReference Forums

Mar 17, 2021 · "A" is a grade. So the phrases "an A" and "a grade" are natural. But "a grade A" is not natural. It is saying the same thing twice. We usually don't do that. Here's an example of doing that: Yesterday I ate a meal breakfast, then I saw an animal dog, then I drove a vehicle car.

Score/scores, grade/grades or mark/marks? - WordReference ...