



Introduction

This worksheet is designed for 11-year-old students with autism and learning disabilities, including EL students and students with ADHD. The purpose of this worksheet is to provide a fun and interactive way for students to practice applying place value concepts to real-world problems.

Understanding Place Value

Answer the following questions:

1. What is the value of the digit 5 in the number 456?

2. If a book costs \$15.99, how much will you pay if you have a \$20 bill?

Real-World Applications

Answer the following questions:

1. A recipe calls for $2\frac{3}{4}$ cups of flour. If you only have a $\frac{1}{4}$ cup measuring cup, how many times will you need to fill it to get the right amount?

2. If you have \$25 to spend on lunch, and you buy a sandwich for \$8.99, how much money do you have left?

Word Problems

Answer the following questions:

1. Tom has \$15 to spend on a toy. If the toy costs \$12.99, how much money will he have left?

2. A bookshelf has 5 shelves, and each shelf can hold 8 books. If the bookshelf is currently empty, how many books can be placed on it in total?

Mental Math

Answer the following questions:

1. If a pencil costs \$0.99, and you buy 5 pencils, how much will you pay in total?

2. If you have \$10 to spend on a game, and the game costs \$8.99, how much money will you have left?

Place Value Scavenger Hunt

Find the following items in the classroom or at home that have prices or measurements:

- An item that costs \$5.99
- An item that weighs 2.5 pounds
- An item that measures 10 inches long

Real-World Scenario

You are planning a road trip with your family. If the trip is 250 miles long, and you drive at an average speed of 50 miles per hour, how many hours will it take to complete the trip?

Place Value Bingo

Play a game of bingo using the following place value concepts:

- Hundreds
- Tens
- Ones

Place Value Sorting

Sort the following numbers into categories based on their place value:

- 456
- 123
- 789
- 101

Place Value Story Problems

Read the following story problems and use place value concepts to solve them:

1. If you have \$15 to spend on a toy, and the toy costs \$12.99, how much money will you have left?
2. If a recipe calls for $2\frac{3}{4}$ cups of flour, and you only have a $\frac{1}{4}$ cup measuring cup, how many times will you need to fill it to get the right amount?

Conclusion

Congratulations on completing the worksheet! You have practiced applying place value concepts to real-world problems and demonstrated your understanding of the concept.

Individual Reflection:

1. What was the most surprising thing you learned today?

2. How will this learning change your actions in the future?

3. What questions do you still have about place value concepts?

