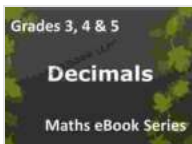


Master Decimals with Confidence: The Ultimate Guide for Elementary School Grades

Decimals are a fundamental concept in math that play a vital role in our everyday lives. Understanding decimals is essential for students as they progress through their academic journey and encounter more complex mathematical operations. This eBook, tailored specifically for elementary school grades, is designed to provide a comprehensive guide to decimals that will equip young learners with the confidence and skills they need to excel in math.



Elementary School 'Grades 3, 4 & 5 Maths - Decimals - Ages 8-11' eBook by Max Karoubi

★★★★★ 5 out of 5

Language	: English
File size	: 868 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 21 pages
Lending	: Enabled
Paperback	: 244 pages
Item Weight	: 1.27 pounds
Dimensions	: 8.5 x 0.51 x 11 inches



Understanding Decimals

The eBook begins by introducing decimals in a clear and simple manner. Students will learn about the concept of decimal place value and how to read and write decimals. They will also explore the relationship between

decimals and fractions, which is crucial for a deeper understanding of decimal operations.

PLACE VALUE CHART WITH DECIMALS											
Thousands			Ones			Decimals					
1	0	0	0	0	0	0	0	0	0	0	0
One Hundred Thousands (100,000)	Ten Thousands (10,000)	Thousands (1,000)	Hundreds (100)	Ten (10)	Ones (1)	Tenths	Hundredths	Thousandths	Ten Thousandths	Hundred Thousandths	Millionths
				2	4	3	1	8	5		

Decimal Operations

Once students have a solid foundation in understanding decimals, the eBook delves into the various operations involving decimals. These include addition, subtraction, multiplication, and division. Each operation is explained step-by-step, with plenty of practice questions to reinforce understanding. Students will learn efficient strategies for solving decimal problems, ensuring accuracy and confidence in their calculations.

Addition
The decimal point must be lined up!
Just like adding whole numbers, except with a decimal point.

$$\begin{array}{r} 6.8 \\ + 7.06 \\ \hline 13.86 \end{array}$$

Subtraction
*same rules as addition

$$\begin{array}{r} 15.3 \\ - 28.01 \\ \hline 10.29 \end{array}$$

Decimals
A number that uses place value and a decimal point to show value less than 1.

HIT | 0 | K | T | H | T |

1	3	.	4	7
---	---	---	---	---

Thirteen and forty-seven hundredths

$$13.47$$

Multiplication
The product will have the number of decimal places as the factors have combined. The decimal places do not need to be lined up!

$$\begin{array}{r} 6.35 \\ \times 3.7 \\ \hline 1270 \\ + 19050 \\ \hline 23695 \end{array}$$

Division
• Move the decimal in the dividend and the divisor all the way to the right.
• Divide like normal!

$$49 \div 7 = 70$$

$$490 \div 7 = 70$$

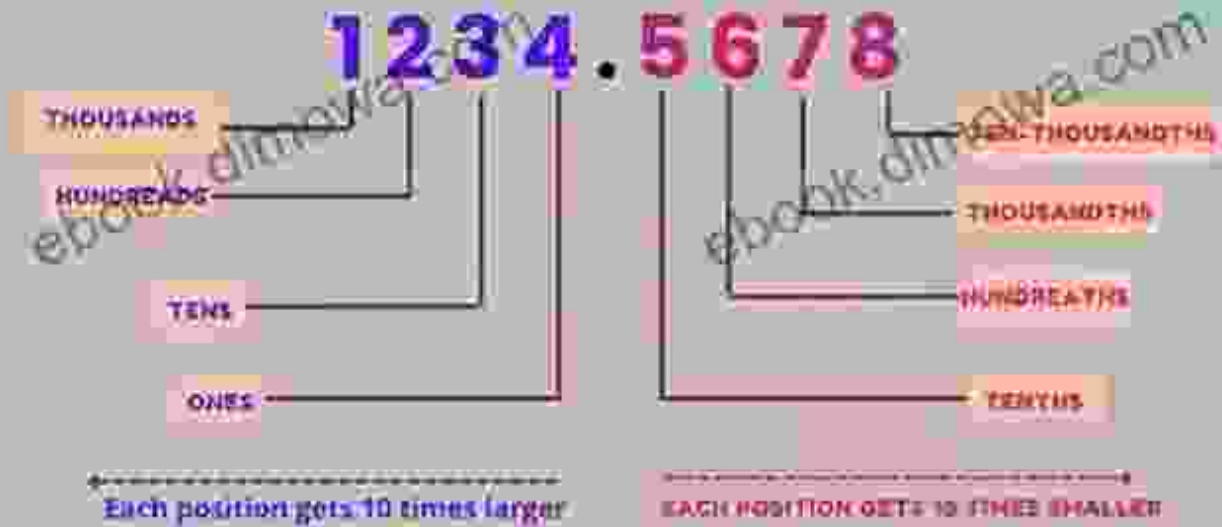
$$22 \div 2 = 11$$

$$22. \div 2 = 11$$

Decimal Place Value

The eBook places special emphasis on the concept of decimal place value. Students will learn how to identify the value of each digit in a decimal number and how to manipulate decimals based on their place value. This understanding is essential for performing decimal operations correctly and for solving problems involving decimals.

DECIMALS WITH PLACE VALUES



Decimal Word Problems

To make learning decimals more engaging and practical, the eBook incorporates numerous word problems. These problems are designed to challenge students' understanding of decimals and their ability to apply them to real-life situations. By solving these problems, students will develop critical thinking skills and enhance their problem-solving abilities.

Decimal Word Problems

1. John ran for 3.6 km in a 5km run. How much more he has to run now to complete the 5 km run?



2. Anne had 1.5 liter of water. How much more she has to drink if she has to complete her 2 liter bottle?



3. Stella saw a shoe for \$7.5. She gave the shopkeeper \$10. How much will he return her?



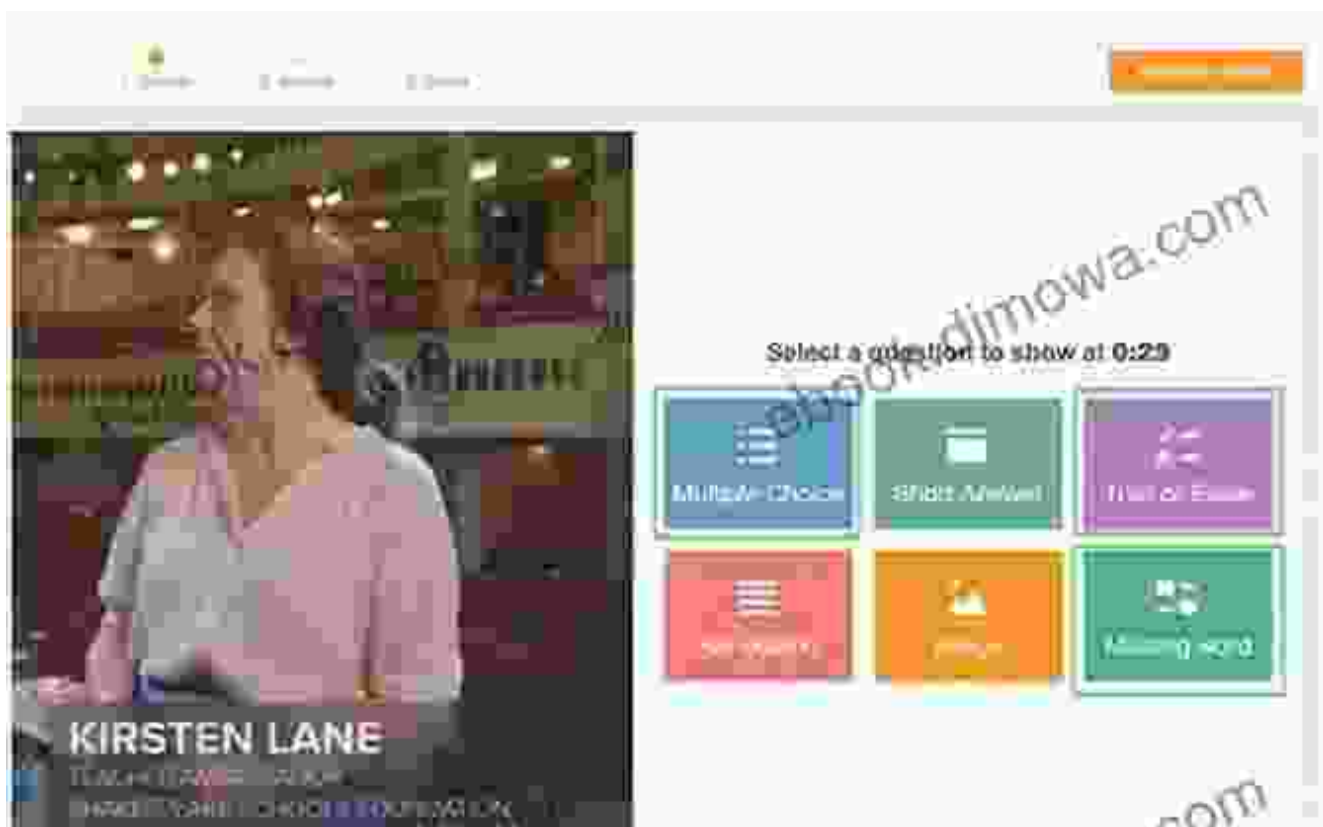
4. Chan bought 2 tickets of \$3.5 and gave the ticket attendant \$10. How much change will he get back?



Interactive Practice Questions

Throughout the eBook, students will encounter a wealth of interactive practice questions. These questions range from basic decimal operations to more challenging problems that require higher-Order thinking skills. The eBook provides immediate feedback on students' answers,

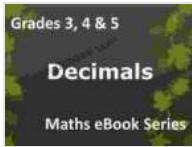
allowing them to assess their understanding and identify areas for improvement.



The Elementary School Grades Maths Decimals Ages 11 eBook is an indispensable resource for students looking to master decimals. With its clear explanations, engaging practice questions, and real-life examples, this eBook empowers students to conquer decimals with confidence and lay a solid foundation for their future mathematical success.

Get your copy today and watch your young learners blossom into confident decimal masters!

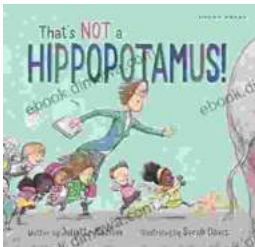
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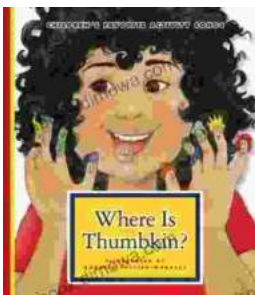
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