

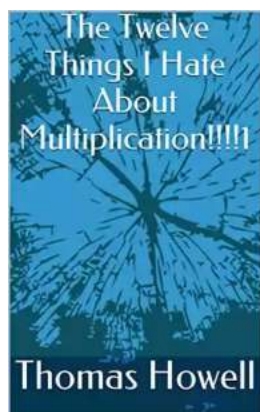
# The Twelve Things I Hate About Multiplication

Do you remember the first time you learned how to multiply numbers? It might have seemed like a magical and convenient way to find the solution to a math problem. However, as you progress in your academic journey, you might start to develop a love-hate relationship with multiplication.

In this article, we will explore the twelve things that many students and even adults dislike about multiplication. From tricky times tables to confusing problems, we will delve into the frustrating aspects of this important mathematical operation. So, grab your calculator, sit back, and let's dive into the world of multiplication woes!

## 1. Times Tables Are a Nightmare

Ask most people what they dislike the most about multiplication, and the answer will likely be times tables. The endless drilling and memorization required to master the times tables can be an incredible challenge for many students. From multiplying by 1 to multiplying by 12, the possibilities seem endless, and the pressure to memorize them all can feel overwhelming.



## The Twelve Things I Hate About Multiplication!!!!1

by Sei Suzuki(Kindle Edition)

★★★★★ 5 out of 5

Language : English

File size : 478 KB

Text-to-Speech : Enabled

Screen Reader : Supported

Enhanced typesetting : Enabled

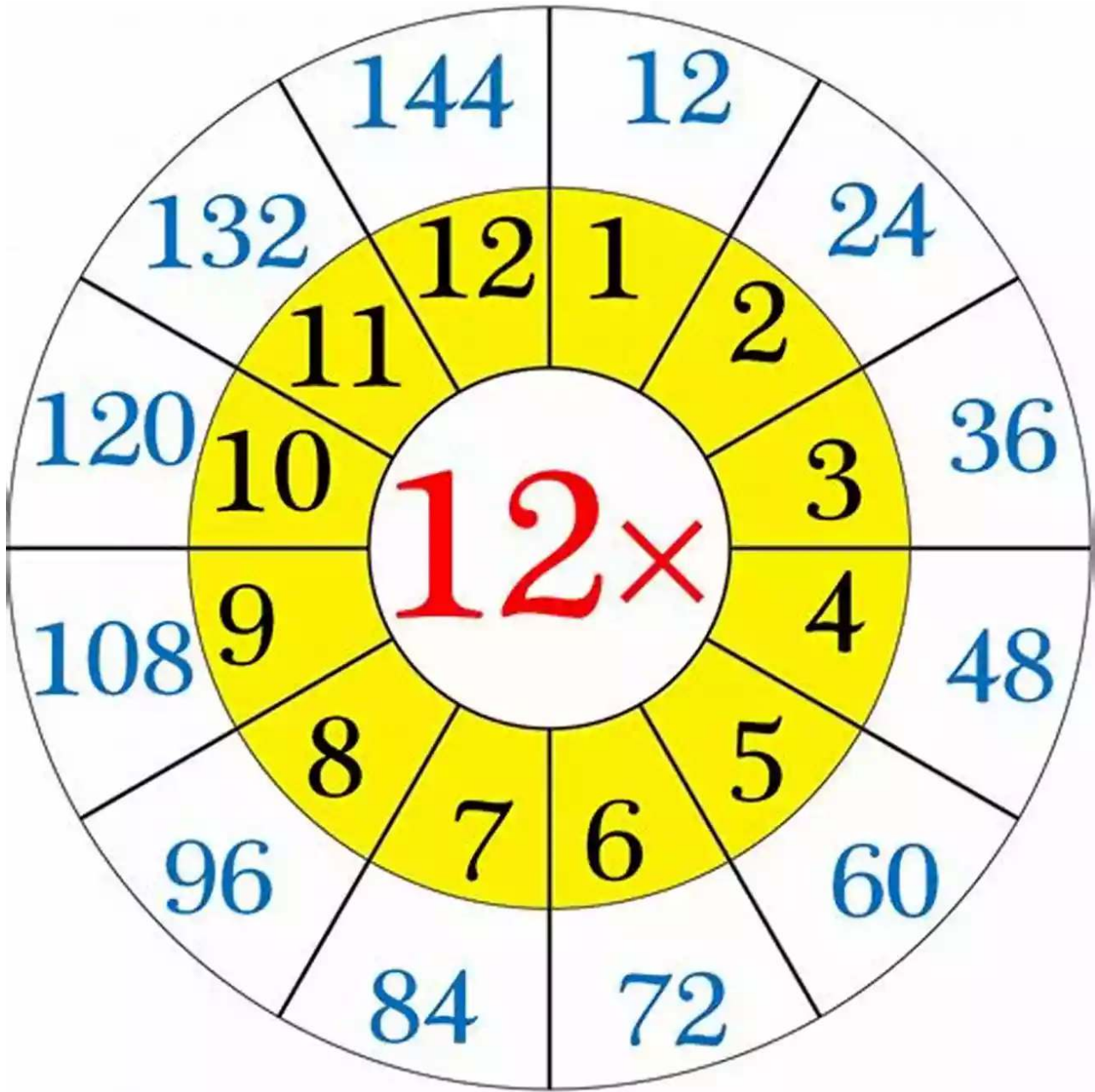
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Dimensions : 6.3 x 0.7 x 9.2 inches



## 2. Getting Dizzy with Large Numbers

Multiplying large numbers, especially when you have to do it manually, can make your head spin. It's easy to lose your place or make a simple calculation error

when faced with multiple digits. The higher the numbers, the more room for mistakes, and sometimes finding your way back to the right answer can feel like an impossible journey.

## Multiply **12** x **34**

<b>1</b> <b>x 3</b>	<b>2</b> <b>4</b>	<b>1</b> <b>x 3</b>	<b>2</b> <b>4</b>	<b>1</b> <b>x 3</b>	<b>2</b> <b>4</b>
<b>3</b>		<b>10</b>		<b>8</b>	
		<b>408</b>			

### 3. Word Problems That Feel Like Puzzles

Word problems are already challenging on their own, but when multiplication is involved, they can become full-blown puzzles. Deciphering the information given and determining which operation to use can be a headache. Repeatedly reading and analyzing the word problem, only to realize that you have to multiply, is enough to make anyone groan.

# Multiply 12 x 34

$\begin{array}{r} 12 \\ \times 34 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ \times 34 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ \times 34 \\ \hline \end{array}$
3	10	8
	408	

## 4. The Dreaded Zero Rule

Multiplying any number by zero automatically results in zero, but it's a rule that can trip you up if you're not careful. It's frustrating to solve a complex multiplication problem only to realize that a zero in the mix throws everything off. This rule reminds us to be cautious and always double-check our calculations.

# Multiply **32** x **11**



## 5. The Annoying Order of Operations

Multiplication is just one part of the Order of Operations rule, which also includes addition, subtraction, and division. Remembering the correct order in which to perform these operations can be confusing, and mixing them up can lead to incorrect answers. The frustration of re-solving a problem due to a simple mistake in the order of operations is certainly a pet peeve for many.

## 6. Long Multiplication Takes Forever

Long multiplication is a necessary evil, especially when multiplying multi-digit numbers. The process of multiplying each digit and carrying over values can feel

like it drags on forever. The repetitive nature of long multiplication can be tedious and time-consuming.

## **7. Missing a Step in Mental Math**

Mental math is a useful skill, but it can also be a trap. When multiplying mentally, it's easy to miss a crucial step or skip a digit, leading to incorrect answers. The frustration of realizing that your quick mental calculation was off, and having to start over, can make anyone cringe.

## **8. Multiplying Fractions: The Common Denominator Dilemma**

Adding fractions requires finding a common denominator, but multiplying them brings another level of complexity. Having to multiply both numerators and denominators, and then potentially simplify the fraction, can be a long and confusing process. It's no wonder students often dread multiplying fractions and yearn for simpler math problems.

## **9. The Battle of Negative Numbers**

Introducing negative numbers into multiplication problems adds a new layer of difficulty. Whether it's a negative multiplied by a positive or two negatives together, the rules can be challenging to remember. The fear of making an error when dealing with negative numbers and obtaining an incorrect result can cause unnecessary anxiety.

## **10. When Mistakes Affect the Entire Equation**

Making a mistake in multiplication can have a domino effect on the entire equation. One small miscalculation can throw off subsequent calculations, resulting in a cascade of errors. It's frustrating to realize that a single mistake in multiplication can jeopardize the entire problem-solving process.

## 11. The Multiplication Table Doesn't Always Apply

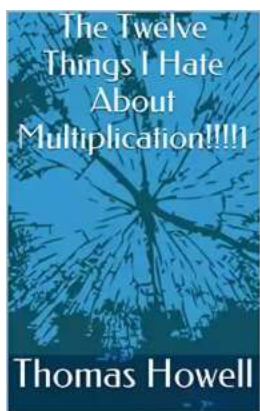
While times tables are vital, they don't always fit every multiplication problem. Real-world scenarios often require adapting multiplication to specific situations. Whether it's estimating, rounding, or using the distributive property, the rules of multiplication can sometimes feel constraining when more flexibility is needed.

## 12. The Fear of Math Tests

Lastly, the fear of taking a math test that includes multiplication can be a significant source of stress for many students. The pressure to recall all the rules and techniques of multiplication while under time constraints can create anxiety and hinder performance. The fear of math tests can lead to a negative mindset and further disliking multiplication.

Multiplication has its fair share of frustrations, but it is an essential skill that we all must conquer. By understanding and addressing the challenges we face with multiplication, we can develop effective strategies to overcome them. Remember, practice and perseverance are key to mastering multiplication and building a stronger foundation in mathematics.

So, embrace the challenge, embrace the frustration, and keep multiplying!



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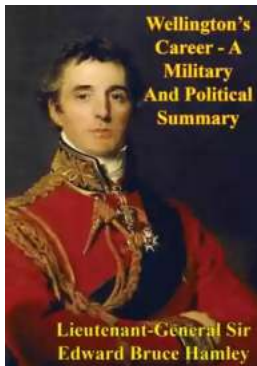
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This book takes the reader on a journey into understanding multiplication and its relationship to skip counting. The book is set to rhyme to keep the reader connected to the story while applying the knowledge from the story to real life math.



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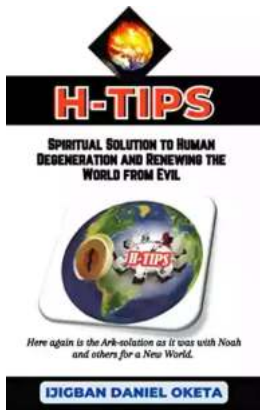
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