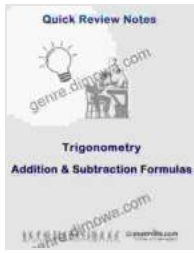


Unlock Mathematical Proficiency: Master Addition and Subtraction Formulas with Our Comprehensive Guide

Tuesday, 18 December 2018	We are learning about: Algebraic fractions	
We are learning to: Add and subtract algebraic fractions		
We can add and subtract algebraic fractions in the same way as numerical fractions.		
<p>Ex1 Work out:</p> <p>Solution</p> $\frac{x}{2} + \frac{x}{5}$ $\frac{x}{2} + \frac{x}{5} = \frac{5x}{10} + \frac{2x}{10}$ $= \frac{5x + 2x}{10}$ $= \frac{7x}{10}$	<p>Ex2 Work out:</p> <p>Solution</p> $\frac{x+1}{3} + \frac{x}{4}$ $\frac{x+1}{3} + \frac{x}{4} = \frac{4(x+1)}{12} + \frac{3x}{12}$ $= \frac{4x + 4 + 3x}{12}$ $= \frac{7x + 4}{12}$	<p>Ex3 Work out:</p> <p>Solution</p> $\frac{x}{2} - \frac{x-2}{7}$ $\frac{x}{2} - \frac{x-2}{7} = \frac{7x}{14} - \frac{2(x-2)}{14}$ $= \frac{7x - 2(x-2)}{14}$ $= \frac{5x + 4}{14}$
<p><small>• Identifying common denominators is a key step in solving algebraic problems.</small></p> <p><small>• Always check your work by substituting a value for x into both sides of the equation.</small></p> <p><small>• Algebraic fractions will be used to solve more complex problems using your knowledge of algebraic systems.</small></p>		

: Embark on a Journey of Mathematical Mastery

In the realm of mathematics, addition and subtraction serve as foundational pillars, unlocking a world of mathematical operations. However, recalling and applying these formulas can often pose challenges for students and learners alike. Fear not, for "Addition and Subtraction Formulas Quick Review Notes" emerges as an invaluable companion, empowering you with a comprehensive and accessible guide to conquer these mathematical concepts.



Quick Review of Topics in Trigonometry: Addition and Subtraction Formulas (Quick Review Notes)

★★★★☆ 4 out of 5

Language : English
File size : 269 KB
Text-to-Speech : Enabled
Enhanced typesetting : Enabled
Lending : Enabled
Screen Reader : Supported
Print length : 3 pages



Section 1: Addition and Subtraction of Whole Numbers

- Delve into the fundamentals of whole number addition and subtraction.
- Unravel the secrets of commutative and associative properties.
- Master the technique of regrouping to tackle larger numbers.

Section 2: Addition and Subtraction of Fractions

- Explore the intricacies of fraction addition and subtraction.
- Discover the role of common denominators in simplifying operations.
- Learn to compare fractions using their denominators.

Section 3: Addition and Subtraction of Decimals

- Unlock the secrets of decimal addition and subtraction.
- Master the technique of decimal alignment.
- Learn to round decimals to estimate results.

Section 4: Formulaic Shortcuts

- Discover the power of addition and subtraction formulas.
- Unravel the mysteries of the sum and difference formulas.
- Learn to apply these formulas to simplify complex operations.

Section 5: Real-World Applications

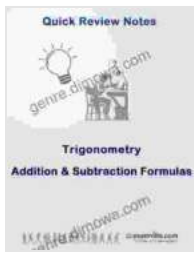
- Witness the practical applications of addition and subtraction formulas.
- Explore how these formulas are used in everyday life.
- Gain a deeper understanding of the mathematical concepts behind real-world scenarios.

Section 6: Practice and Enrichment

- Engage in a multitude of practice exercises to reinforce your skills.
- Challenge yourself with enrichment activities to expand your mathematical horizons.
- Build a strong foundation for further mathematical endeavors.

: Empowering Mathematical Excellence

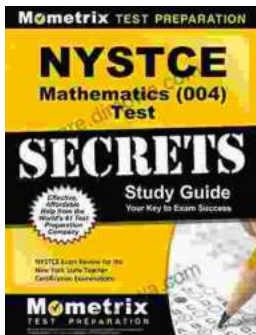
With "Addition and Subtraction Formulas Quick Review Notes," you hold the key to unlocking mathematical fluency. This indispensable guide not only provides a comprehensive review of essential formulas but also empowers you with the confidence to tackle any mathematical challenge. Whether you're a student seeking academic excellence or an individual looking to refresh your mathematical skills, this book is an invaluable companion. Embrace the journey and embark on a path of mathematical mastery today!



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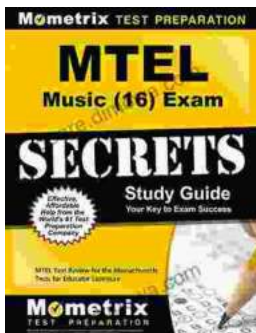
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