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Elementary Archive



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TOPICS

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$\frac{1}{2}$

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Stars indicate particularly interesting answers or good places to begin browsing.

Selected answers to common questions:

[Adding and subtracting fractions.](#)
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[33 1/3 Percent as a Fraction](#) [08/03/2003] ★★

I need help turning percents like 33 1/3%, 2.5%, and other percents like that into fractions.

[\(9/2\)/\(3/4\): A Picture](#) [03/27/2003] ★★

We were trying to find a division fraction question and everything we came up with turned into a multiplication fraction problem. Why is that?

[Adding and Subtracting Fractions](#) [10/25/1999] ★★

Can you help me learn to add and subtract fractions?

[Adding and Subtracting Fractions](#) [03/05/2002] ★★

Why don't we add or subtract the denominators?

[Adding Decimals](#) [05/26/1998] ★★

I can't figure this out: $894.56 + 4563.5 = ?$

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[Adding Fractions](#) [08/13/1997] 🌟🌟

Sally ate $\frac{1}{8}$ of a cake and her sister ate $\frac{3}{8}$ of it. What fraction did they eat altogether?

[Adding Fractions](#) [01/06/2003] 🌟🌟

My problem is $\frac{3}{4} + \frac{1}{6}$. The common denominator is 12 but it says to build up my numerator to $\frac{9}{12} + \frac{2}{12} = \frac{11}{12}$. I don't understand how they get 9 and 2 for numerators.

[Adding Mixed Numbers](#) [04/13/1999] 🌟🌟

How do you add mixed numbers without renaming?

[Adding, Subtracting, Multiplying, Dividing Fractions](#) [6/7/1996] 🌟🌟

I am ten years old and I don't understand lower-term fractions.

[Cancelling Fractions](#) [03/06/2002] 🌟🌟

How do I cancel this problem: $\frac{1}{5} \times \frac{40}{1} \times \frac{1}{2}$?

[Changing Decimals to Fractions and Reducing](#) [12/12/2002] 🌟🌟

Could you please help me to understand, in the simplest way, how to write a decimal as a lowest-term fraction or mixed number?

[Comparing Fractions](#) [08/04/1999] 🌟🌟

How do you place fractions in descending or ascending order?

[Comparing Fraction Size: Two Methods](#) [10/24/2001] 🌟🌟

What fraction is greatest, $\frac{5}{13}$, $\frac{2}{5}$, or $\frac{7}{15}$?

[Congruent Fractions](#) [04/03/1997] 🌟🌟

What are congruent fractions?

[Converting a Long Decimal to a Fraction](#) [04/11/2002] 🌟🌟

If I have $\frac{74}{13}$ and I want to reduce it to a mixed number, when I divide 74 by 13 I get a long mixed decimal, 5.6923076. How do I get from 5.6923076 to $5\frac{9}{13}$?

[Converting Fractions to Decimals](#) [01/08/1997] 🌟🌟

How do you convert fractions to decimals? How do you turn decimals into ratios?

[Converting Fractions to/from Mixed Numbers](#) [07/21/1997] 🌟🌟

How do you change a fraction to a mixed number in simplest form (for example $\frac{9}{5}$)? or a mixed number to an improper fraction (like $3\frac{1}{16}$)?

[Converting Mixed Numbers to/from Improper Fractions](#) [10/28/2001] 🌟🌟

How can I change mixed numbers like $1\frac{3}{4}$ into improper fractions, and improper fractions like $\frac{7}{5}$ into mixed numbers?

[Cross-Multiplication](#) [08/04/2002] 🌟🌟

Can you explain cross-multiplication?

[Demonstrating Equivalent Fractions](#) [10/25/2000] 🌟🌟

How can my 5th grade daughter demonstrate equivalent fractions to her gifted

class?

[Diagram Showing Division of Fractions](#) [01/13/2002] 🌟

I understand how to divide fractions, but would like to be able to draw this problem in a diagram: $(2/3)/(3/4) = 8/9$.

[Divide by a Fraction](#) [03/19/1997] 🌟

How do you divide a whole number by a fraction?

[Dividing a Fraction by a Fraction](#) [08/11/1997] 🌟

Can you help students visualize a problem such as: $1/3 \div 1/2 = 2/3$?

[Dividing a Whole Number by a Fraction](#) [04/02/1997] 🌟

How do you divide a whole number by a fraction?

[Dividing by a Fraction](#) [06/29/1999] 🌟

Why is it that when you divide by a fraction, your answer is larger?

[Dividing Decimals by Whole Numbers](#) [10/19/2002] 🌟

Dividing decimals has been hard for me to learn.

[Dividing Fractions](#) [09/08/99] 🌟

How do you divide fractions?

[Dividing Fractions to find Decimals](#) [03/12/2001] 🌟

Why does dividing the numerator by the denominator give you the decimal form of a fraction?

[Division](#) [11/25/1997] 🌟

How do you divide 1,000,000,000,000 by 999,999,999,999,999,999?

[Draw Three Parts and Shade Two](#) [04/12/2001] 🌟

When I draw three parts and shade two of them, what is the name of the fraction I've shaded?

[Explaining Division of Fractions](#) [08/11/1999] 🌟

Can you give a practical explanation of why the 'invert-and-multiply' rule for division of fractions works?

[Finding Decimals on a Number Line](#) [01/16/2002] 🌟

How can I find a number like 0.725 on a number line?

[A Fraction and a Prime Number Question](#) [2/9/1995] 🌟

An elementary student asks questions about fractions and prime numbers.

[Fraction Bar Name](#) [12/14/1996] 🌟

What is the name of the little line that separates the divisor from the dividend in a standard division question?

[Fraction Basics](#) [7/21/1996] 🌟

I don't understand how to do fractions.

[Fraction Diagrams](#) [03/13/2002] 🌟

In an adult condominium complex, $\frac{2}{3}$ of the men are married to $\frac{3}{5}$ of the women. What fraction of the residents are married?

[Fraction Multiplication and Division](#) [02/10/2001]

How do you do calculations like $2\frac{1}{10} * 7\frac{5}{8}$ or $\frac{27}{30}$ over $\frac{75}{100}$?

[Fractions, Improper Fractions, Mixed Numbers](#) [02/01/1997]

How do you turn an improper fraction into a mixed number?

[Fractions in Simplest Form](#) [01/15/1998]

How would you write $\frac{99}{6}$ in simplest form?

[Fractions in the SI System?](#) [11/07/2001]

When using metric can 4 cm and 5 mm be written as $4\frac{1}{2}$ mm?

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