

Similarity and equivalent fractions

Addison-Wesley Pub. Co. - Equivalent Fractions Calculator

COMPARING LIKE FRACTIONS

When comparing parts of whole, numerators (or both numerators and denominators) are considered.

- In either comparing or ordering fractions, the processes are much easier to be done with like/similar fractions than with the unlike/dissimilar ones.

If there is a set of three fractions,

$\frac{a}{D}, \frac{b}{D}, \frac{c}{D}$ where a, b and c are different numerators, and D is the denominator which is the same in the three fractions with the following conditions:

- $a > b$ a is greater than b
- $b < c$ b is less than c
- $c > a$ c is greater than a

Then, arranging the set of fractions in an INCREASING manner goes like $\frac{b}{D}, \frac{a}{D}, \frac{c}{D}$.

- In similar fractions, since the denominators are the same, you just have to look into the numerators.
- The bigger the numerator equates to bigger fractions, only if they have equivalent denominators.
- Ordering fractions of equal denominators only require arranging the numerators, imagining that they are whole numbers.

Description: Presents similar figures and equivalent fractions, using indirect measurement, scale models and the nature of growth. For use in grades 5 through 8.

Catts, James Howard.

Art Criticism

Geometry -- Study and teaching (Elementary)

Mathematics -- Study and teaching (Elementary)Similarity and equivalent fractions

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Notes: Includes suggestions for teachers, activity sheets, exercises, tests and answer keys.

This edition was published in 1986



Filesize: 25.41 MB

Tags: #Equivalent #Fractions

Teaching Equivalent Fractions

Two frations are equivalent when they have the same value when written in lowest terms. Frequently Asked Questions FAQs Q.

5 Ways to Find Equivalent Fractions

You can also download or print using the browser document reader options. The numerator and the denominator of a fraction must be multiplied by the same nonzero whole number in order to have equivalent fractions. I will be working hard over the next couple of weeks to upload relevant resources and activate these links.

Equivalent Fractions Calculator

With over 10 years of teaching experience, David works with students of all ages and grades in various subjects, as well as college admissions counseling and test preparation for the SAT, ACT, ISEE, and more. Found worksheet you are looking for? This game is similar to Go Fish — and children will love their quest to find pairs that are equivalent.

Equivalent Fractions: Definition, Examples, Solved Questions, Facts

When comparing two fractions with like denominators, the larger fraction is the one with the greater numerator.

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