Direct Instruction:

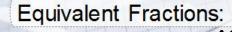
Highly structured, teacher centred information delivery method where information can be transmitted quickly and effectively.

Experimental Learning:

Inductive, learner centred and activity orientated tasks focus on the process of learning and not the product.

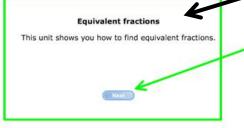
1/2

(One-Half)



Equivalent fractions are fractions that have the same value. They may have different names but they are worth the same amount.

Equivalent fractions can be found either by multiplying the numerator and the denominator by the same number, or by dividing the numerator and the denominator by the same number.



Double click on the next button to find out about equivalent fractions.

Fractions (Part B)

Exercise 2.
Q1 State the fraction shaded in each diagram

The fractions above are all

The simplest equivalent fraction is

Practice drills:

Repetition helps to achieve mastery and perfection. Such learning tasks promote quick recall and logical clear thinking.

Find an equivalent fraction for $\frac{7}{10}$ by copying and completing $\frac{7}{10} = \frac{1}{40}$.

Steps

1. Look at the two denominators, and work out what we need to multiply or divide the first one by to get the second.

2. Do the same thing to the numerator. $\frac{7}{10} = \frac{28}{40}$

Two-Quarters)

It is usually best to show an answer using the simplest fraction ($\frac{1}{2}$ in this case). That is

Are $\frac{1}{10}$ and $\frac{5}{6}$ equivalent? Complete the following by writing either = (equals) or \neq (does not equal) between the terms.

1. Write both fractions with the same denominator.

Measurement

Equivalent Fraction

(Four-Eighths)

called Simplifying, or Reducing the Fraction

Equations

 Multiply the numerator of each fraction by the number used to multiply the denominator.
 Look at the two fractions with the same denominators. If they

Look at the two fractions with the same denominators. If they are the same, then the fractions are equivalent. If they are not the same then the fractions are not equivalent.

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