

Fractions: Resources and Practice Sites

<http://www.mathsisfun.com/fractions.html>

<https://www.khanacademy.org/math/arithmetic/fractions>

<http://www.coolmath4kids.com/fractions/>

<https://www.khanacademy.org/math/arithmetic/fractions/fractions-unlike-denom/v/adding-and-subtracting-fractions>

<http://www.coolmath4kids.com/fractions/fractions-12-adding-subtracting-different-denominators-01.html>

<http://www.brainpop.com/math/numbersandoperations/addingandsubtractingfractions/>

Mixed Numbers and Improper Fractions:

<http://www.mathsisfun.com/numbers/fractions-mixed-addition.html>

<http://www.mathsisfun.com/numbers/fractions-mixed-addition.html>

http://www.mathgoodies.com/lessons/fractions/fractions_to_mixed.html

<https://www.khanacademy.org/math/cc-fourth-grade-math/cc-4th-fractions-topic/cc-4th-mixed-numbers/v/changing-an-improper-fraction-to-a-mixed-number>

http://www.mathplayground.com/fractions_mixed.html

<http://www.mathsisfun.com/improper-fractions.html>

<http://www.visualfractions.com/MixedLines/mixedlines.html>

<https://www.khanacademy.org/math/cc-fourth-grade-math/cc-4th-fractions-topic/cc-4th-mixed-numbers/v/postive-improper-fractions-on-the-number-line>

FRACTIONS, DECIMALS and Percents:

<http://www.mathsisfun.com/decimal-fraction-percentage.html>

<http://www.brainpop.com/math/numbersandoperations/convertinfractionstodecimals/>

<https://www.khanacademy.org/math/pre-algebra/decimals-pre-alg/percent-intro-pre-alg/v/representing-a-number-as-a-decimal-percent-and-fraction>

<http://www.factmonster.com/ipka/A0881930.html>

<http://www.mathplayground.com/Decention/Decention.html>

<http://www.quia.com/cb/34887.html>

<http://pbskids.org/cyberchase/math-games/mission-magnetite/>

<http://www.sheppardsoftware.com/mathgames/fractions/FractionsToDecimals.htm>

Converting Fractions, Decimals, and Percents

Decimal

Fraction

Percent

1. Divide the numerator by the denominator.
- $$\begin{array}{r} .25 \\ 4 \overline{) 1.00} \\ \underline{-8} \\ 20 \\ \underline{-20} \\ 0 \end{array}$$

convert to

$$\frac{1}{4}$$

1. Divide the numerator by the denominator.
- $$\begin{array}{r} .25 \\ 4 \overline{) 1.00} \end{array}$$
2. Multiply by 100 or move the decimal point two places to the right.
 $0.25 \times 100 = 25.00$ or $.25 = 25$
3. Add the percent symbol. 25%

Percent

Decimal

Fraction

1. Multiply by 100 or move the decimal point two places to the right.
 $0.75 \times 100 = 75.00$ or $0.75 = 75$
2. Add the percent symbol.
 $0.75 = 75\%$

convert to

$$0.75$$

1. Use the place value of the last digit to the right of the decimal point as the denominator. **hundredths** = $\frac{x}{100}$
2. Remove the decimal point and make that number the numerator. $0.75 = \frac{75}{100}$
3. Reduce the fraction to lowest terms. $\frac{75}{100} = \frac{3}{4}$

Fraction

Percent

Decimal

1. Remove the percent symbol and make that number the numerator.
2. Use 100 as the denominator. $\frac{40}{100}$
3. Reduce the fraction to lowest terms. $\frac{40}{100} = \frac{2}{5}$

convert to

$$40\%$$

1. Remove the percent symbol. 40
2. Divide by 100 or move the decimal point two places to the left.
 $\frac{40}{100} = 0.40$
 $40.0 = 0.40$