

FABULOUS FRACTIONS

YOUR COMPLETE GUIDE TO FRACTIONS, DECIMALS, AND PERCENTS!

HOW TO CONVERT:

Fraction ↓ Decimal	<ul style="list-style-type: none"> ☆ Divide the fraction using long division (numerator goes under the division bar) ☆ Add the zeros under the division bar so you can divide
Decimal ↓ Percent	<ul style="list-style-type: none"> ☆ Multiply the decimal times 100 by moving the decimal point 2 spaces to the right ☆ Add a percent (%) sign
Percent ↓ Decimal	<ul style="list-style-type: none"> ☆ Move the decimal point to the left two places (divide by 100)

How to create equivalent fractions:

- ☆ Pick your favorite fraction.
- ☆ Multiply the fraction times a form of one (for example, 4/4)
- ☆ Multiply the numerators
- ☆ Multiply the denominators
- ☆ (The numerator and denominator should be multiplied times the SAME number.)
- ☆ Magically, you have equivalent fractions!

EXAMPLES:

$1/2 \times 5/5 = 5/10$	$2/5 \times 8/8 = 16/40$
$2/3 \times 10/10 = 10/30$	$4/5 \times 3/3 = 12/15$

MY INTERVIEWS:

Interview with: MY MOM: I asked my mom about when she uses or sees fractions, percents, or decimals in everyday life. She said that she uses percents when she is shopping at the store. If something is 50% off, for example, she must realize that the sale price is one half the original price. She also said that when she buys juice, she likes to get brands with 100% Vitamin C because it is a whole worth of the vitamin.

Interview with: MY DAD: My dad says that he uses fractions when he bakes cookies. For example, you might need 1/8 teaspoon vanilla or 1/2 cup peanut butter. Additionally, he said that decimals are used

at the bank when you are receiving interest on your money. If you had a .07 interest rate, then you would be earning 7% interest on your money.

Fraction-Decimal-Percentage Equivalents:

Fraction	Decimal	Percent
1/2	.50	50%
1/4	.25	25%
1/5	.20	20%
1/10	.10	10%

These Fractions are equivalent:

