

Converting Rational Numbers Notes

Percent to Fraction	1. Rewrite the % over Fraction 2. Simplify Example: $42\% > \frac{42}{100} = \frac{21}{50}$	Percent to Decimal	1. Remove the % sign 2. Move decimal 2 places to the left Example: $42\% > 0.42$
Fraction to Decimal	1. Divide the numerator by the denominator Example: $\frac{1}{8} = 1 \div 8 = 0.125$	Fraction to Percent	1. Convert the fraction to a decimal 2. Move the decimal 2 places to the right 3. Add the % sign Example: $\frac{1}{8} = 0.125 = 12.5\%$
Decimal to Percent	1. Move decimal 2 places to the right 2. Add the % sign Example: $0.75 > 75\%$	Decimal to Fraction	1. Write the decimal over 100 if it has an integer in the hundredths place; over 10 if only in the tenths 2. Simplify Example: $0.75 = \frac{75}{100} = \frac{3}{4}$