

Fractions, Decimal, Percent Conversions

<p style="text-align: center;">Decimal → Fraction</p> <p>Ask yourself: What decimal place value* am I in??? The answer becomes your denominator.</p> <p>Examples:</p> <p>1. 0.05 = _____ 3. 0.3 = _____</p> <p>2. 0.875 = _____ 4. 1.17 = _____</p> <p>Reduce if possible</p>	<p style="text-align: center;">Fraction → Decimal</p> <p>Remember top # goes inside "house". Divide. Keep adding zeroes as necessary.</p> <p>Examples:</p> <p>1. $\frac{1}{25} =$ _____ 3. $\frac{5}{8} =$ _____</p> <p>2. $\frac{3}{4} =$ _____ 4. $\frac{5}{4} =$ _____</p>
<p style="text-align: center;">Decimal → Percent</p> <p>Move the decimal 2 places to the RIGHT!!!</p> <p>Examples:</p> <p>1. 0.27 = _____ 3. 0.05 = _____</p> <p>2. .9 = _____ 4. 2 = _____</p>	<p style="text-align: center;">Percent → Decimal</p> <p>Move the decimal 2 places to the LEFT!!</p> <p>Examples:</p> <p>1. 15% = _____ 3. 125% = _____</p> <p>2. 8% = _____ 4. 6.5% = _____</p>
<p style="text-align: center;">Fraction → Percent</p> <p>Create a proportion and solve.</p> <p style="text-align: center;"> Given Fraction → $\frac{\quad}{\quad} = \frac{x}{100}$ ← Create a proportion using $\frac{x}{100}$ </p> <p>Examples:</p> <p>1. $\frac{4}{5}$ 2. $\frac{5}{8}$</p>	<p style="text-align: center;">Percent → Fraction</p> <p>Put the number given over 100, then reduce.</p> <p>Examples:</p> <p>1. 25% = _____ 3. 5% = _____</p> <p>2. 60% = _____ 4. 18% = _____</p>

*Reminder about decimal place values:

Thousands	Hundreds	Tens	Ones	•	Tenths	Hundredths	Thousandths	Ten- Thousandths
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If there is no decimal in the #, the decimal point is ALWAYS at the end of the #!!