



Decimal, Percent, Fraction, Ratio Equivalents

| Decimal | Percent | Fraction | Ratio |
|--|---|--|---|
| Move the decimal 2 places to the left from the percent form. | Move the decimal 2 places to the right from the decimal form. | Divide the percent by 100, then simplify. | Set ratio up as Numerator : Denominator |
| 0.125 | 12.5% | $\frac{12.5}{100} = \frac{125}{1000} = \frac{1}{8}$ | 1 : 8 |
| 0.25 | 25% | $\frac{25}{100} = \frac{1}{4}$ | 1 : 4 |
| 0.375 | 37.5% | $\frac{37.5}{100} = \frac{375}{1000} = \frac{3}{8}$ | 3 : 8 |
| 0.50 | 50% | $\frac{50}{100} = \frac{1}{2}$ | 1 : 2 |
| 0.625 | 62.5% | $\frac{62.5}{100} = \frac{625}{1000} = \frac{5}{8}$ | 5 : 8 |
| 0.75 | 75% | $\frac{75}{100} = \frac{3}{4}$ | 3 : 4 |
| 0.875 | 87.5% | $\frac{87.5}{100} = \frac{875}{1000} = \frac{7}{8}$ | 7 : 8 |
| 1.00 | 100% | $\frac{100}{100} = 1$ | 1 : 1 |
| 1.125 | 112.5% | $\frac{112.5}{100} = \frac{1125}{1000} = \frac{9}{8} = 1\frac{1}{8}$ | 9 : 8 |
| | | | |
| | | | |
| | | | |

Compliments of the Academic Learning Centers at Union County College.
Visit our website at www.ucc.edu/student-services/ale for more information.
yellow