## Overview



| Fractions, Decimals and Percentages Equivalency |  |  |  |
| :---: | :---: | :---: | :---: |
| $\begin{array}{lllllllllll}0 & \frac{1}{10} & \frac{1}{10} & \frac{2}{10} & \frac{3}{10} & \frac{4}{10} & \frac{5}{10} & \frac{6}{10} & \frac{7}{10} & \frac{8}{10} & \frac{9}{10}\end{array} \frac{10}{10}$ | i | coots | Ons Whole |
|  | $\frac{1}{2}$ | $\begin{aligned} & 50 \% \\ & 0.50 \end{aligned}$ | One Half |
| 0 1 2 3 4 5  | $\frac{1}{3}$ | $\begin{aligned} & 33,3 \% \\ & 0.333 \end{aligned}$ | One Third |
| 100 100 | $\frac{1}{4}$ | $\begin{aligned} & 25 \% \\ & 0.25 \end{aligned}$ | One Quarter |
| $\begin{array}{llllllllll} \hline 0.01 & 0.02 & 0.03 & 0.04 & 0.05 & 0.06 & 0.07 & 0.08 & 0.09 & 0.1 \\ \hline \end{array}$ | $\frac{1}{5}$ | $\begin{aligned} & 20 \% \\ & 0.20 \end{aligned}$ | One Fifth |
|  | $\frac{5}{\frac{1}{6}}$ | $\begin{gathered} 0.20 \\ \hline 16.69 \\ 0.166 \end{gathered}$ | One Sixth |
| $00^{0.001} 0.002{ }^{0.003} 0.004{ }^{0.005} 0.006{ }^{0.007} 0.008{ }^{0.009} 0.01$ | $\frac{1}{8}$ | $12.5 \%$ | One Eighth |
| $\begin{array}{cl}\text { One thousandth }=1 / 1000=0.001=0.1 \% & \text { One hundredth }=1 / 100=0.01=1 \% \\ \text { One tenth }=10 / 100=0.1=10 \% & \text { One half }=50 / 100=1 / 2=0.5=50 \%\end{array}$ | $\frac{1}{10}$ | $\begin{aligned} & 10 \% \\ & 0.10 \end{aligned}$ | One Tenth |
| One quarter $=25 / 100=1 / 4=0.25=25 \% \quad$ Three quarters $=75 / 100=3 / 4=0.75=75 \%$ | $\frac{1}{12}$ | $\begin{aligned} & 8.33 \% \\ & 0.0833 \end{aligned}$ | One Twelfth |



| Adding and Subtracting Decimals/ Percentages of Amounts |  |  |
| :---: | :---: | :---: |

## Key Vocabulary

| Tenth | Hundredth | Thousandth | Decimal Tenths | Decimal Hundredths | Decimal Equivalents | Percentage |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | Decimal Point |  |  |  |  |
| :--- | :--- | :--- | :--- |

