

Converting Any Fraction

1 Convert the fraction into a decimal by dividing.

$$\frac{4}{5} = \underline{0.8}$$

$$\begin{array}{r} 0.8 \\ 5 \overline{)4.0} \\ \underline{-40} \\ 0 \end{array}$$

2 Convert the fraction into a decimal by dividing.

$$\frac{1}{6} = \underline{0.1\bar{6}}$$

$$\begin{array}{r} 0.166 \\ 6 \overline{)1.000} \\ \underline{-6} \\ 40 \\ \underline{-36} \\ 40 \\ \underline{-36} \\ 4 \end{array}$$

3 Convert the fraction into a decimal by dividing.

$$\frac{5}{12} = \underline{0.41\bar{6}}$$

$$\begin{array}{r} 0.4166 \\ 12 \overline{)5.0000} \\ \underline{-48} \\ 20 \\ \underline{-12} \\ 80 \\ \underline{-72} \\ 80 \\ \underline{-72} \\ 8 \end{array}$$

4 Convert the fraction into a decimal by dividing.

$$\frac{8}{11} = \underline{0.7\bar{2}}$$

$$\begin{array}{r} 0.7272 \\ 11 \overline{)8.0000} \\ \underline{-77} \\ 30 \\ \underline{-22} \\ 80 \\ \underline{-77} \\ 30 \\ \underline{-22} \\ 8 \end{array}$$

5 Convert the fraction into a decimal using a **calculator**. Round off to three decimal places.

$$\frac{22}{95} = \underline{0.232}$$

