Regular Fractions to Decimals

**1) Turn your fraction into a division problem.
Divide the top number by the bottom number.**

Examples:

$$\frac{1}{8} = 8\overline{)\begin{array}{r} .125 \\ 1.000 \end{array}}$$
$$\begin{array}{r} -\ 8 \\ \hline 20 \\ -\ 16 \\ \hline 40 \\ -\ 40 \\ \hline 0 \end{array}$$

$$\frac{2}{13} = 13\overline{)\begin{array}{r} .153 \\ 2.000 \end{array}}$$
$$\begin{array}{r} -\ 13 \\ \hline 70 \\ -\ 65 \\ \hline 50 \\ -\ 39 \\ \hline 11 \end{array}$$

2) Add three zeros

3) Divide like normal and just ignore the decimal until the end.

4) Move the decimal straight up.