$\qquad$

## Reteaching Page <br> 4.4 Fractions and Decimals

Decimals are fractions. When you read a decimal, you will notice that you are reading it in fraction form. 8.306 is read as eight and three hundred six thousandths.
$8.306=8^{306} / 1000$
$0.61={ }^{61} / 100$

|  |  | $\stackrel{\sim}{\text { ¢ }}$ | $\begin{aligned} & \text { 号 } \\ & \text { 훙 } \\ & \text { 을 } \\ & \text { 도 } \end{aligned}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 8 | . | 3 | 0 | 6 |  |

Use a Place Value Chart to help you write the following decimals as fractions or mixed numbers.

| $\begin{aligned} & \mathscr{\infty} \\ & \vdots \\ & \hline \end{aligned}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | . | 2 | 1 | 8 | 4 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

$0.2184={ }^{2184} / 10,000$
$3.14=$ $\qquad$
$21.6=$ $\qquad$
$0.003=$ $\qquad$
$9.016=$ $\qquad$

Fractions are division problems. To turn a fraction into a decimal you simply divide the numerator by the denominator.
$8 \longdiv { 3 }$
$8 \longdiv { 3 . 0 0 0 }$ $\underline{24}$ 60

$$
3 / 8=3 \div 8=0.375 \quad \frac{56}{40}
$$

Turn each fraction into a decimal by dividing the numerator by the denominator.
$\qquad$
$4 / 9=$
$6 / 15=$ $\qquad$

$$
\begin{aligned}
& 3 / 2= \\
& { }^{7} / 8= \\
&
\end{aligned}
$$

