Converting Rational \#'s
I. Rational \#'s

A A \# that can be written as a fraction.
B. Reactions are division second stop problems.

III. Mixed \#'s
A. Two Methods
i. Changing to an improper fraction, then divide.

$$
\begin{array}{r}
\text { ex: } \begin{array}{r}
\frac{9 . \frac{4}{25}}{}=\frac{229}{25} \\
25.16 \\
25 \sqrt{229.00} \\
\frac{425}{425} \\
\frac{158}{15}
\end{array}
\end{array}
$$

- Ind Method:
- Only convert the fraction portion

III. Terminating or Repeating Decimal
A. Terminating: a decimal
B. Repeating: the decimal repeats itself

$$
\begin{aligned}
& \text { ex: } \frac{5}{12}=\frac{12 \sqrt{5.0} 0000}{\frac{.160}{20} 0} \\
& \begin{array}{l}
416 \\
\text { Repeating } \\
\frac{-120}{82} \\
\frac{-72}{80}
\end{array}
\end{aligned}
$$

