5.7 Changing Decimals To Fractions $\begin{array}{ccc} 0.1 & \frac{1}{10} \\ 0.19 & \frac{19}{100} \end{array}$

$$\begin{array}{rcl} 0.4 & \frac{4}{10} &= \frac{2}{5} \\ 0.35 & \frac{35 \div 5}{100 \div 5} & \frac{7}{20} \end{array}$$

$$\begin{array}{rcrr} 1 & 07 & 1 & \frac{7}{100} \\ & \frac{107}{100} = 1 & \frac{7}{100} \\ \hline 6 & 34 & = & \left(6 & \frac{34}{100} \right) = & \left(6 & \frac{17}{50} \right) \end{array}$$

$$0.6 = \frac{6}{10} = \frac{3}{5}$$

$$3 \times 5 = \frac{25}{25}$$

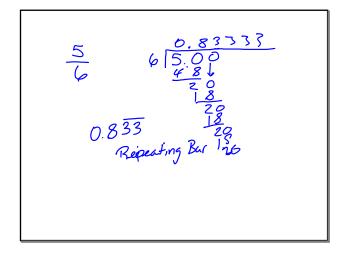
$$5 \times 7 = \frac{21}{35}$$
One with a curnominator
$$0F = 25 \text{ [one with a denominator]}$$

$$0F = 35$$

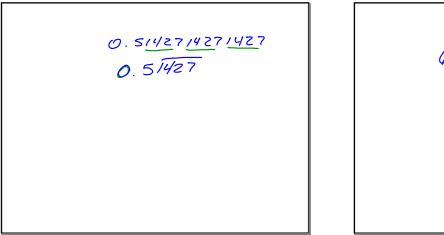
5.8 Changing Fractions to Decimals

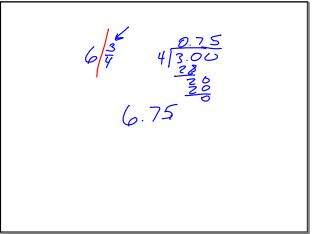
$$\frac{7}{7} + 5 \rightarrow D$$
 is division
 $\frac{7}{7} = 7$

$$\frac{1}{2} \qquad 2 \boxed{1.0}_{10} \\
\frac{1}{2} \qquad 2 \boxed{1.0}_{10} \\
\frac{1}{2} \qquad 0.5 \\
0.375 \\
\frac{3}{8} \qquad 8 \boxed{3.000}_{10} \\
\frac{3}{8} \qquad 8 \boxed{3.000}_{10} \\
\frac{40}{90} \\
0$$



All multiples of 3 are repeating 0.833 0. <u>43454545</u> 0.45





Terminating Fraction when in decimal form it ends Nonterminating 1 Repeating 2 Nonrepeating - 77~(3.14)

P268 1/-44 multiples of 4 P273-274 4-44 muHiples of 4

