

3.3 Decimals

$$\frac{4}{5} \quad 5 \overline{) 4.0} \quad .8$$

$$\begin{array}{r} 4.0 \\ -40 \\ \hline 0 \end{array}$$

$$\frac{4}{5} = \frac{8}{10}$$

hundreds
 tens
 ones
 tenths
 hundredths
 thousandths
 ten-thousandths
 hundred-thousandths
 millionths

145.396827

and

$$\frac{3}{8} = .375$$

$$8 \overline{) 3.000}$$

$$\begin{array}{r} 3.000 \\ \underline{24} \\ 60 \\ \underline{-56} \\ 40 \\ \underline{-40} \\ 0 \end{array}$$

$$\frac{1}{3} = \overline{.3}$$

$$\begin{array}{r} .3\overline{3} \\ .3\overline{3} \end{array}$$

$$\frac{1}{2} = .5$$

$$\frac{1}{3} = .\bar{3}$$

$$\frac{2}{3} = .\bar{6}$$

$$\frac{1}{4} = .25$$

$$\frac{3}{4} = .75$$

$$\frac{1}{5} = \frac{2}{10} = .2$$

$$\frac{2}{5} = \frac{4}{10} = .4$$

$$\frac{3}{5} = .6$$

$$\frac{4}{5} = .8$$

$$\frac{1}{8} = .125$$

$$\frac{2}{8} = \frac{1}{4} = .25$$

$$\frac{3}{8} = .375$$

$$\frac{4}{8} = .5$$

$$\frac{5}{8} = .625$$

$$\frac{6}{8} = .75$$

$$\frac{7}{8} = .875$$

$$\frac{1}{9} = .\bar{1}$$

$$\frac{2}{9} = .\bar{2}$$

$$\frac{3}{9} = .\bar{3}$$

$$\frac{4}{9} = .\bar{4}$$

$$\frac{1}{10} = .1$$

$$\frac{2}{10} = .2$$

$$\frac{3}{10} = .3$$

$$\frac{4}{10} = .4$$

$$\frac{5}{10} = .5$$

$$\frac{6}{10} = .6$$

$$\frac{7}{10} = .7$$

$$\frac{8}{10} = .8$$

$$\frac{3}{100} = .03$$

$$\frac{45}{1000} = .045$$

$$3\frac{4}{5} = 3.8$$

$$\begin{array}{r} .250 \\ +.125 \\ \hline .375 \end{array}$$

$$\begin{array}{r} .5 \quad \frac{4}{8} \\ +.125 \quad \frac{1}{8} \\ \hline .625 \quad \frac{5}{8} \end{array}$$

$$\begin{array}{r} .750 \\ +.125 \\ \hline .875 \end{array}$$

$$\frac{5}{9} = .\bar{5}$$

$$\frac{6}{9} = .\bar{6}$$

$$\frac{7}{9} = .\bar{7}$$

$$\frac{8}{9} = .\bar{8}$$

$$\frac{9}{10} = .9$$

4.61 $4\frac{61}{100}$ 4.2 $4\frac{2}{10}$ $4\frac{1}{5}$ -2.45 $-2\frac{45}{100}$ $-2\frac{9}{20}$

$.15, \frac{1}{4}, .29, \frac{3}{8}, \frac{1}{2}, .75$

$.15, .25, .29, .375, .5, .75$

$3.06 \quad 3\frac{6}{100} \quad 3\frac{3}{50}$

$4\frac{2}{25} \quad 4\frac{8}{100} \quad 4.08$

$p146 \quad 6-80E$