

Decimal to Fraction

$$a) 0.4 = \frac{4}{10} \stackrel{\text{Reduce}}{\div 2} = \frac{2}{5}$$

$$2.01 = 2 \frac{1}{100}$$

$$3.75 = 3 \frac{75}{100} \stackrel{\div 25}{=} 3 \frac{3}{4}$$

$$b) 3.05 = 3 \frac{5}{100} \stackrel{\div 5}{=} 3 \frac{1}{20}$$

$$.25 = \frac{25}{100} \stackrel{\div 25}{=} \frac{1}{4}$$

$$7.8 = 7 \frac{8}{10} \stackrel{\div 2}{=} 7 \frac{4}{5}$$

$$c) 0.3 = \frac{3}{10}$$

$$4.1 = 4 \frac{1}{10}$$

$$8.005 = 8 \frac{5}{1000} \stackrel{\div 5}{=} 8 \frac{1}{200}$$

$$d) .92 = \frac{92}{100} \stackrel{\div 4}{=} \frac{23}{25}$$

$$2.025 = \frac{25}{1000} \stackrel{\div 25}{=} 2 \frac{1}{40}$$

$$.375 = \frac{375}{1000} \stackrel{\div 125}{=} \frac{3}{8}$$

$$e) 1.0012 = 1 \frac{12}{10000} \stackrel{\div 4}{=} 1 \frac{3}{2500}$$

$$3.375 = 3 \frac{375}{1000} \stackrel{\div 25}{=} 3 \frac{15}{40} \stackrel{\div 5}{=} 3 \frac{3}{8}$$

$$25.25 = 25 \frac{25}{100} \stackrel{\div 4}{=} 25 \frac{1}{4}$$

$$f) .875 = \frac{875}{1000} \stackrel{\div 25}{=} \frac{35}{40} \stackrel{\div 5}{=} \frac{7}{8}$$

$$.625 = \frac{625}{1000} \stackrel{\div 25}{=} \frac{25}{40} \stackrel{\div 5}{=} \frac{5}{8}$$

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

$$g) 2.005 = 2 \frac{5}{1000} \stackrel{\div 5}{=} 2 \frac{1}{200}$$

$$1.0002 = 1 \frac{2}{10000} \stackrel{\div 2}{=} 1 \frac{1}{5000}$$

$$5.02 = 5 \frac{2}{100} \stackrel{\div 2}{=} 5 \frac{1}{50}$$