

Q-Demals

Decimal Fractions (Exercise-4A)

1) (i)  $3.75 = \frac{375}{100} = \frac{75}{20} = \frac{15}{4}$

(ii)  $0.5 = \frac{5}{10} = \frac{1}{2}$

(iii)  $2.04 = \frac{204}{100} = \frac{51}{25}$

(iv)  $0.65 = \frac{65}{100} = \frac{13}{20}$

(v)  $2.405 = \frac{2405}{1000} = \frac{481}{200}$

(vi)  $0.085 = \frac{85}{1000} = \frac{17}{200}$

(vii)  $8.025 = \frac{8025}{1000} = \frac{321}{40}$

2) (i)  $2\frac{4}{5} = \frac{40}{5} \times 2 = \frac{80}{10} = 8.0$

(ii)  $\frac{79}{100} = 0.79$

(iii)  $\frac{37}{10000} = 0.0037$

(iv)  $\frac{7543}{10000} = 0.7543$

(v)  $\frac{3}{4} \times \frac{25}{25} = \frac{75}{100} = 0.75$

(vi)  $9\frac{3}{5} = \frac{48}{5} \times 2 = \frac{96}{10} = 9.6$

3) (i)  $0.4762 = 4$

(ii)  $7.00349 = 5$

(iii)  $8235.403 = 3$

(iv)  $25.4 = 1$

(v)  $2.608 = 3$

(vi)  $0.00879 = 6$