

10. Convert the following common fraction into decimal fraction :

$$a: \frac{\cancel{3}^3}{4} = \frac{3 \times 25}{4 \times 25} = \frac{75}{100} = 0.75$$

$$b) \frac{7}{8} = \frac{7 \times 125}{8 \times 125} = \frac{875}{1000} = 0.875$$

$$(c) 15 \frac{1}{4} = \frac{1 \times 25}{4 \times 25} = \frac{25}{100} = 15.25$$

$$(d) \frac{3}{5} = \frac{3 \times 2}{5 \times 2} = \frac{6}{10} = 20.6$$

$$(e) 17 \frac{3}{16} = \frac{3 \times 625}{16 \times 625} = \frac{1875}{10000} = 0.1875 = 17.1875$$

$$(f) 8 \frac{21}{40} = \frac{21 \times 25}{40 \times 25} = \frac{525}{1000} = 0.525 = 8.525$$

$$(g) 58 \frac{5}{64} = \frac{5}{64} = 0.078125$$

11. Convert the following decimal fraction into common fractions.

$$a) 0.02 = \frac{2}{100} = \frac{1}{50} \quad (b) 0.175 = \frac{175}{1000} = \frac{35}{200} = \frac{7}{40}$$

$$c) 7.60 = 7 \frac{60}{100} = \frac{60}{100} = \frac{30}{50} = \frac{15}{25} = \frac{3}{5} \quad (d) 7.625 = \frac{625}{1000} = \frac{125}{200} = \frac{5}{8}$$

$$(e) 6.125 = \frac{125}{1000} = \frac{5}{40} = 6 \frac{1}{8} \quad (f) 3.75 = \frac{75}{100} = \frac{15}{20} = \frac{3}{4}$$

$$(g) 9.55 = \frac{55}{100} = \frac{11}{20}$$