

10. Convert into the following common fractions into decimal fractions

$$a. \frac{3}{4} = \frac{3 \times 25 = 75}{4 \times 25 = 100} = 0.75$$

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

$$c. 15\frac{1}{4} = \frac{61}{4} = \frac{61 \times 25 = 1525}{4 \times 25 = 100} = 15.25$$

$$d. 20\frac{3}{5} = \frac{103}{5} = \frac{103 \times 2 = 206}{5 \times 2 = 10} = 20.6$$

$$e. 17\frac{3}{16} = \frac{275}{16} = \frac{275 \times 625 = 171875}{16 \times 625 = 10000} = 17.1875$$

$$f. 8\frac{21}{40} = \frac{341}{40} = \frac{341 \times 25 = 8525}{40 \times 25 = 1000} = 8.525$$

$$g. 58\frac{5}{64} = \frac{3717}{64} = \text{Divide } 3717 \div 64 = 58.078125$$

$$58\frac{5}{64} = 58.078125$$

11. Convert the following ~~is~~ ~~denoting~~ decimal fractions into common fractions:

a. $0.02 = \frac{02}{100} = \text{Lowest term} = \frac{1}{50}$

b

b. $0.175 = \frac{175}{1000} = \text{Lowest term} = \frac{7}{8}$

c. $7.60 = \frac{760}{100} = \text{Lowest term} = 7\frac{3}{5}$

d. $7.625 = \frac{7625}{1000} = \text{Lowest term} = \frac{7}{40}$

e. $6.125 = \frac{6125}{1000} = \text{Lowest Term} = 6\frac{1}{8}$

f. $3.75 = \frac{375}{100} = \text{Lowest Term} = \frac{3}{4}$

g. $9.55 = \frac{955}{100} = \text{Lowest Term} = \frac{191}{4} = 4\frac{3}{4}$