H·W

Ex (10A)

Qno10(a) $\frac{3}{4} = \frac{3\times25}{4\times25} = \frac{75}{100} = 0.75$

(b) $\frac{7}{8} = \frac{7\times125}{8\times125} = \frac{875}{1000} = 0.875$

(c) $15\frac{1}{4} = \frac{61}{4} = \frac{61\times25}{4\times25} = \frac{1525}{100} = 15.25$

(d) $20\frac{3}{5} = \frac{103}{5} = \frac{103\times2}{5\times2} = \frac{206}{10} = 20.6$

(e) $\frac{173}{16} = \frac{275}{16}$

$$
\begin{array}{r|l}
16 & 17.1875 \\
\hline
 & 275.0000 \\
 & 16 \\
\hline
 & 115 \\
 & 112 \\
\hline
 & 30 \\
 & 16 \\
\hline
 & 140 \\
 & 128 \\
\hline
 & 120 \\
 & 112 \\
\hline
 & 80 \\
 & 80 \\
\hline
 & 0
\end{array}
$$

(f) $8\frac{21}{40} = \frac{341}{40} = \frac{341 \times 5}{40 \times 5} = \frac{1705}{200} = 8525$

(g) $58\frac{5}{64} = \frac{3717}{64} = 58 \cdot 078125$

11(a) $0 \cdot 02 = \frac{2}{100} = \frac{1}{50}$

(b) $0 \cdot 175 = \frac{175}{1000} = \frac{7}{40}$

(c) $7 \cdot 60 = 7 + \frac{60}{100} = 7\frac{3}{5}$

(d) $7 \cdot 625 = 7 + \frac{625}{1000} = 7 + \frac{25}{40} = 7\frac{5}{8}$

(e) $6 \cdot 125 = \frac{6 + 125}{1000} = 6\frac{1}{8}$

(f) $3 \cdot 75 = \frac{3 + 75}{100} = 3\frac{3}{4}$

(g) $9 \cdot 55 = \frac{9 + 55}{100} = 9\frac{11}{20}$