

Ex - 33

1. (a) $8 \div 0.4$

By making the divisor a whole number, the sum becomes, $80 \div 4$

$$\begin{array}{r} 20 \\ 4 \overline{) 80} \\ \underline{-8} \\ \times 0 \end{array}$$

$\therefore 8 \div 0.4 = 20$

(b) $1 \div 0.5$

By making the divisor a whole number, the sum becomes, $10 \div 5$

$$\begin{array}{r} 2 \\ 5 \overline{) 10} \\ \underline{-10} \\ \times \end{array}$$

$\therefore 1 \div 0.5 = 2$

(c) $16 \div 0.08$

By making the divisor a whole number, the sum becomes, $1600 \div 8$

$$\begin{array}{r} 200 \\ 8 \overline{) 1600} \\ \underline{-16} \\ \times 00 \end{array}$$

$\therefore 16 \div 0.08 = 200$

(d) $148 \div 0.074$

By making the divisor a whole number, the sum becomes, $148000 \div 74$

$$\begin{array}{r} 2000 \\ 74 \overline{) 148000} \\ \underline{-148} \\ \times 000 \end{array}$$

$\therefore 148 \div 0.074 = 2000$

(e) $72 \div 0.144$

By making the divisor a whole number, the sum becomes, $72000 \div 144$

$$\begin{array}{r} 500 \\ 144 \overline{) 72000} \\ \underline{-720} \\ \times 00 \end{array}$$

$\therefore 72 \div 0.144 = 500$

(f) $210 \div 1.25$

By making the divisor a whole number, the sum becomes, $21000 \div 125$

$$\begin{array}{r} 168 \\ 125 \overline{) 21000} \\ \underline{-125} \\ 850 \\ \underline{-750} \\ 1000 \\ \underline{-1000} \\ \times \end{array}$$

$\therefore 210 \div 1.25 = 168$

(g) $1032 \div 2.064$

By making the divisor a whole number, the sum becomes $1032000 \div 2064$

$$\begin{array}{r} 500 \\ 2064 \overline{) 1032000} \\ \underline{-10320} \\ \times 00 \end{array}$$

$\therefore 1032 \div 2.064 = 500$

(h) $9894 \div 3.88$

By making the divisor a whole number, the sum becomes, $989400 \div 388$

$$\begin{array}{r} 2550 \\ 388 \overline{) 989400} \\ \underline{-776} \\ 2134 \\ \underline{-1940} \\ 1940 \\ \underline{-1940} \\ \times 0 \end{array}$$

$\therefore 9894 \div 3.88 = 2550$

2. (a) $2 \div 5$

$$\begin{array}{r} 0.4 \\ 5 \overline{) 20} \\ \underline{-20} \\ \times \end{array}$$

$\therefore 2 \div 5 = 0.4$

(b) $3 \div 4$

$$\begin{array}{r} 0.75 \\ 4 \overline{) 30} \\ \underline{-28} \\ 20 \\ \underline{-20} \\ \times \end{array}$$

$\therefore 3 \div 4 = 0.75$

(c) $3 \div 8$

$$\begin{array}{r} 0.375 \\ 8 \overline{) 30} \\ \underline{-24} \\ 60 \\ \underline{-56} \\ 40 \\ \underline{-40} \\ \times \end{array}$$

$\therefore 3 \div 8 = 0.375$

(d) $16 \div 64$

$$\begin{array}{r} 0.25 \\ 64 \overline{) 160} \\ \underline{-128} \\ 320 \\ \underline{-320} \\ \times \end{array}$$

$\therefore 16 \div 64 = 0.25$

(e) $56 \div 224$

$$\begin{array}{r} 0.25 \\ 224 \overline{) 560} \\ \underline{-448} \\ 1120 \\ \underline{-1120} \\ \times \end{array}$$

$\therefore 56 \div 224 = 0.25$

(f) $12 \div 8$

$$\begin{array}{r} 1.5 \\ 8 \overline{) 12} \\ \underline{-8} \\ 40 \\ \underline{-40} \\ \times \end{array}$$

$\therefore 12 \div 8 = 1.5$

(g) $16 \div 5$

$$\begin{array}{r} 3.2 \\ 5 \overline{) 16} \\ \underline{-15} \\ 10 \\ \underline{-10} \\ \times \end{array}$$

$\therefore 16 \div 5 = 3.2$

(h) $1500 \div 6000$

$$\begin{array}{r} 0.25 \\ 6000 \overline{) 15000} \\ \underline{-12000} \\ 30000 \\ \underline{-30000} \\ \times \end{array}$$

$\therefore 1500 \div 6000 = 0.25$

3. (a) $3 \div 0.8$

By making the divisor a whole number, the sum becomes, $30 \div 8$

$$\begin{array}{r} 3.75 \\ 8 \overline{) 30} \\ \underline{-24} \\ 60 \\ \underline{-56} \\ 40 \\ \underline{-40} \\ \times \end{array}$$

$\therefore 3 \div 0.8 = 3.75$

(b) $11 \div 0.4$

By making the divisor a whole number, the sum becomes, $110 \div 4$

$$\begin{array}{r} 27.5 \\ 4 \overline{) 110} \\ \underline{-8} \\ 30 \\ \underline{-28} \\ 20 \\ \underline{-20} \\ \times \end{array}$$

$\therefore 11 \div 0.4 = 27.5$

(c) $204 \div 0.17$

By making the divisor a whole number the sum becomes, $20400 \div 17$

$$\begin{array}{r} 1200 \\ 17 \overline{) 20400} \\ \underline{-17} \\ 34 \\ \underline{-34} \\ \times \end{array}$$

$\therefore 204 \div 0.17 = 1200$

(d) $7 \div 1.25$

By making the divisor a whole number the sum becomes, $700 \div 125$

$$\begin{array}{r} 5.6 \\ 125 \overline{) 700} \\ \underline{-625} \\ 750 \\ \underline{-750} \\ \times \end{array}$$

$\therefore 7 \div 1.25 = 5.6$