Exe - 30

1. (a) $3 \cdot 9 \div 3$

$$3 \overline{)3 \cdot 9} \; 1 \cdot 3$$
$$-3$$
$$0\,9$$
$$-9$$
$$\times$$

(b) $18 \cdot 9 \div 9$

$$9 \overline{)18 \cdot 9} \; 2 \cdot 1$$
$$-18$$
$$0\,9$$
$$-9$$
$$\times$$

(c) $25 \cdot 5 \div 5$

$$5 \overline{)25 \cdot 5} \; 5 \cdot 1$$
$$-25$$
$$0\,5$$
$$-5$$
$$\times$$

(d) $80 \cdot 8 \div 8$

$$8 \overline{)80 \cdot 8} \; 10 \cdot 1$$
$$-8$$
$$\times 0\,8$$
$$-8$$
$$0\,\times$$

(e) $1 \cdot 4 \div 7$

$$7 \overline{)1 \cdot 4} \; 0 \cdot 2$$
$$-0$$
$$14$$
$$-14$$
$$\times$$

(f) $4 \cdot 8 \div 6$

$$6 \overline{)4 \cdot 8} \; 0 \cdot 8$$
$$-0$$
$$48$$
$$-48$$
$$\times$$

(g) $3 \cdot 2 \div 4$

$$4 \overline{)3 \cdot 2} \; 0 \cdot 8$$
$$-0$$
$$32$$
$$-32$$
$$\times$$

(h) $4 \cdot 8 \div 8$

$$8 \overline{)4 \cdot 8} \; 0 \cdot 6$$
$$-0$$
$$48$$
$$-48$$
$$\times$$

2. (a) $60 \cdot 72 \div 12$

$$
\begin{array}{r|l}
12 & 60 \cdot 72 \,(\, 5 \cdot 06 \\
-60 & \\
\hline
07 & \\
-0 & \\
\hline
72 & \\
-72 & \\
\hline
\times &
\end{array}
$$

(b) $55 \cdot 55 \div 11$

$$
\begin{array}{r|l}
11 & 55 \cdot 55 \,(\, 05 \cdot 05 \\
-55 & \\
\hline
05 & \\
-0 & \\
\hline
55 & \\
-55 & \\
\hline
\times &
\end{array}
$$

(c) $128 \cdot 48 \div 16$

$$
\begin{array}{r|l}
16 & 128 \cdot 48 \,(\, 8 \cdot 03 \\
-128 & \\
\hline
04 & \\
-0 & \\
\hline
480 & \\
-48 & \\
\hline
\times &
\end{array}
$$

(d) $65 \cdot 78 \div 13$

$$
\begin{array}{r|l}
13 & 65 \cdot 78 \,(\, 5 \cdot 06 \\
-65 & \\
\hline
07 & \\
-0 & \\
\hline
78 & \\
-78 & \\
\hline
\times &
\end{array}
$$

(e) $9 \cdot 09 \div 15$

$$
\begin{array}{r|l}
15 & 9 \cdot 09 \,(\, 0 \cdot 66 \\
-0 & \\
\hline
90 & \\
-90 & \\
\hline
00 & \\
-90 & \\
\hline
\times &
\end{array}
$$

(f) $85 \cdot 96 \div 14$

$$
\begin{array}{r|l}
14 & 85 \cdot 96 \,(\, 6 \cdot 14 \\
-84 & \\
\hline
19 & \\
-14 & \\
\hline
56 & \\
-56 & \\
\hline
\times &
\end{array}
$$

3. (a) $617 \cdot 313 \div 15$

$$
\begin{array}{r|l}
15 & 617 \cdot 313 \,(\, 41 \cdot 1\,0542 \\
-60 & \\
\hline
17 & \\
-15 & \\
\hline
23 & \\
-15 & \\
\hline
81 & \\
-75 & \\
\hline
63 & \\
-60 & \\
\hline
30 & \\
-30 & \\
\hline
\times &
\end{array}
$$

(b) $527 \cdot 34 \div 85$

$$
\begin{array}{r|l}
85 & 527 \cdot 34 \,(\, 6 \cdot 204 \\
-510 & \\
\hline
173 & \\
-170 & \\
\hline
340 & \\
-340 & \\
\hline
\times &
\end{array}
$$

(c) $426 \cdot 478 \div 16$

$$
\begin{array}{r|l}
16 & 426 \cdot 478 \,(\, 26 \cdot 6548 \\
-32 & \\
\hline
106 & \\
-96 & \\
\hline
104 & \\
-96 & \\
\hline
87 & \\
-80 & \\
\hline
78 & \\
-64 & \\
\hline
140 & \\
-128 & \\
\hline
120 & \\
-112 & \\
\hline
80 & \\
-80 & \\
\hline
\times &
\end{array}
$$

(d) $0 \cdot 07849782 \div 72$

$$
\begin{array}{r|l}
72 & 0 \cdot 07849782 \,(\, 0 \cdot 0010902475 \\
-72 & \\
\hline
649 & \\
-648 & \\
\hline
178 & \\
-144 & \\
\hline
342 & \\
-288 & \\
\hline
540 & \\
-504 & \\
\hline
360 & \\
-360 & \\
\hline
\times &
\end{array}
$$

(e) $0 \cdot 00463 \div 50$

$$
\begin{array}{r|l}
50 & 0 \cdot 00463 \,(\, 0 \cdot 0000926 \\
-450 & \\
\hline
130 & \\
-100 & \\
\hline
300 & \\
-300 & \\
\hline
\times &
\end{array}
$$

(f) $1 \cdot 2 \div 25$

$$
\begin{array}{r|l}
25 & 1 \cdot 20 \,(\, 0 \cdot 048 \\
-100 & \\
\hline
200 & \\
-200 & \\
\hline
\times &
\end{array}
$$

3. (g) $0.0042 \div 125$

$$
\begin{array}{r}
0.0000336 \\
125 \overline{)\,0.00420} \\
-\ 375 \\
\hline
450 \\
-\ 375 \\
\hline
750 \\
-750 \\
\hline
\times
\end{array}
$$

(h) $773.682 \div 169$

$$
\begin{array}{r}
4.578 \\
169 \overline{)\,773.682} \\
-\ 676 \\
\hline
976 \\
-\ 845 \\
\hline
1318 \\
-\ 1183 \\
\hline
1352 \\
-\ 1352 \\
\hline
\times
\end{array}
$$

(i) $2078.61 \div 579$

$$
\begin{array}{r}
3.59 \\
579 \overline{)\,2078.61} \\
-\ 1737 \\
\hline
3416 \\
-\ 2895 \\
\hline
5211 \\
-\ 5211 \\
\hline
\times
\end{array}
$$

(j) $0.00019517 \div 673$

$$
\begin{array}{r}
0.00000029 \\
673 \overline{)\,0.00019517} \\
-\ 1346 \\
\hline
6057 \\
-\ 6051 \\
\hline
\times
\end{array}
$$

(k) $2.4 \div 625$

$$
\begin{array}{r}
0.00384 \\
625 \overline{)\,2.400} \\
-\ 1875 \\
\hline
5250 \\
-\ 5000 \\
\hline
2500 \\
-\ 2500 \\
\hline
\times
\end{array}
$$

(l) $0.217 \div 1250$

$$
\begin{array}{r}
0.0001736 \\
1250 \overline{)\,0.2170} \\
-\ 1250 \\
\hline
9200 \\
-\ 8750 \\
\hline
4500 \\
-\ 3750 \\
\hline
7500 \\
-\ 7500 \\
\hline
\times
\end{array}
$$

(m) $431.376 \div 8170$

$$
\begin{array}{r}
0.0528 \\
8170 \overline{)\,431.376} \\
-\ 408\ 50 \\
\hline
22\ 876 \\
-\ 16\ 340 \\
\hline
65360 \\
-\ 65360 \\
\hline
\times
\end{array}
$$

(n) $0.001007 \div 47500$

$$
\begin{array}{r}
0.0000000212 \\
47500 \overline{)\,0.00100700} \\
-\ 95000 \\
\hline
57000 \\
-\ 47500 \\
\hline
95000 \\
-\ 95000 \\
\hline
\times
\end{array}
$$