

### Exercise -6(c)

1a  $4142 \times 16 =$

$$\begin{array}{r}
 4 & 1 & 4 & 2 \\
 \times & & & \\
 \hline
 2 & 4 & 8 & 5 & 2 \\
 + 4 & 1 & 4 & 2 & 0 \\
 \hline
 6 & 6 & 2 & 7 & 2
 \end{array}$$

b  $8148 \times 19$

$$\begin{array}{r}
 8 & 1 & 4 & 8 \\
 \times & & & \\
 \hline
 7 & 3 & 3 & 3 & 2 \\
 + 8 & 1 & 4 & 8 & 0 \\
 \hline
 1 & 5 & 4 & 8 & 1 & 2
 \end{array}$$

c  $3163 \times 98$

$$\begin{array}{r}
 3 & 1 & 6 & 3 \\
 \times & & & \\
 \hline
 2 & 5 & 3 & 0 & 4 \\
 + 2 & 8 & 4 & 6 & 7 & 0 \\
 \hline
 3 & 0 & 9 & 9 & 7 & 4
 \end{array}$$

d  $9076 \times 63$ 

$$\begin{array}{r} 9076 \\ \times 63 \\ \hline 27228 \\ +544560 \\ \hline 571788 \end{array}$$

e

$$\begin{array}{r} 7805 \\ \times 82 \\ \hline 15610 \\ -62440 \\ \hline 640010 \end{array}$$

f  $67,368 \times 17$ 

$$\begin{array}{r} 67368 \\ \times 12 \\ \hline 134736 \\ +67368 \\ \hline 808416 \end{array}$$

g  $50515 \times 29$

$$\begin{array}{r}
 & 5 & 0 & 5 & 1 & 5 \\
 & & & \times & 2 & 9 \\
 4 & 5 & 4 & 6 & 3 & 5 \\
 + & 1 & 0 & 1 & 0 & 3 & 0 & 0 \\
 \hline
 1 & 4 & 6 & 4 & 9 & 3 & 5
 \end{array}$$

h

$$\begin{array}{r}
 & 3 & 1 & 7 & 8 & 9 \\
 & & \times & 5 & 9 \\
 2 & 8 & 8 & 1 & 0 & 1 \\
 + & 1 & 5 & 8 & 9 & 4 & 5 & 0 \\
 \hline
 1 & 8 & 7 & 7 & 5 & 5 & 1
 \end{array}$$

i) ~~89022 × 43~~

$$\begin{array}{r}
 & 8 & 9 & 0 & 2 & 2 \\
 & & \times & 4 & 3 \\
 2 & 6 & 7 & 0 & 6 & 6 \\
 + & 3 & 5 & 6 & 0 & 8 & 8 & 0 \\
 \hline
 3 & 8 & 2 & 7 & 9 & 4 & 6
 \end{array}$$

J) ~~29885 × 99~~

$$\begin{array}{r} & 2 & 9 & 8 & 8 & 5 \\ & & x & & 9 & 9 \\ \hline & 2 & 6 & 8 & 9 & 6 & 5 \\ +2 & 6 & 8 & 9 & 6 & 5 & 0 \\ \hline 2 & 9 & 5 & 8 & 6 & 1 & 5 \end{array}$$