

Exercise B(B)

$$\begin{array}{r} \textcircled{1} \quad 3A \\ + 2B \\ \hline B2 \end{array} \quad \begin{array}{l} \Rightarrow A=7, -3 \\ \Rightarrow B=6 \end{array} \quad \begin{array}{r} 37 \\ + 26 \\ \hline B2 \\ \hline 62 \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 98 \\ + 4A \\ \hline CB3 \end{array} \quad \begin{array}{l} A=9, 5 \\ B=4 \\ C=1 \end{array} \quad \begin{array}{r} 98 \\ 49 \\ \hline 143 \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad A1 \\ + 1B \\ \hline B0 \end{array} \quad \begin{array}{l} A=97 \\ B=9 \end{array} \quad \begin{array}{r} 71 \\ 19 \\ \hline 90 \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 2AB \\ AB1 \\ \hline B18 \end{array} \quad \begin{array}{l} A=4 \\ B=7 \end{array} \quad \begin{array}{r} \del{247} \\ \del{749} \\ \hline 718 \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad \del{12A} \\ + 6AB \\ \hline A09 \end{array} \quad \begin{array}{l} A=8 \\ B=1 \end{array} \quad \begin{array}{r} 128 \\ 681 \\ \hline 809 \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 1A \\ \times A \\ \hline 9A \end{array} \quad A=6 \quad \begin{array}{r} 8 \\ 16 \\ \hline 6 \\ 96 \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad AB \\ \times 6 \\ \hline BBB \end{array} \quad \begin{array}{l} A=7 \\ B=4 \end{array} \quad \begin{array}{r} 2 \\ 74 \\ \hline 6 \\ 444 \end{array}$$

$$\begin{array}{r} AB \\ \times 3 \\ \hline CAB \end{array} = \begin{array}{l} A=0 \\ B=0 \\ C=1 \end{array} \quad \begin{array}{r} 50 \\ \phantom{0} \\ \hline 150 \end{array}$$

$$\begin{array}{r} AB \\ \times 5 \\ \hline CAB \end{array} = \begin{array}{l} A=5 \\ B=0 \\ C=2 \end{array} \quad \begin{array}{r} 50 \\ \phantom{0} \\ \hline 250 \end{array}$$

$$\begin{array}{r} 8AB \\ + 94A \\ \hline 1A33 \end{array} = \begin{array}{l} A=8 \end{array} \quad \begin{array}{r} 885 \\ 948 \\ \hline 1833 \end{array}$$

$$\begin{array}{r} 6AB5 \\ + D58C \\ \hline 9351 \end{array} = \begin{array}{l} A=7 \\ B=6 \\ C=6 \\ D=2 \end{array} \quad \begin{array}{r} 6765 \\ + 2586 \\ \hline 9351 \end{array}$$

$$\begin{array}{r} AB \\ \times 7 \\ \hline CAB \end{array} = \begin{array}{l} A=7 \\ B=0 \\ C=2 \end{array} \quad \begin{array}{r} 70 \\ \phantom{0} \\ \hline 490 \end{array}$$

6206

$$\begin{array}{r} AB \\ \times 6 \\ \hline BBB \end{array} \quad \begin{array}{l} A=4 \\ B=4 \end{array} \quad \begin{array}{r} 44 \\ \phantom{0} \\ \hline 444 \end{array}$$