

①

a) $15385 : 14 = 1098$ Rest 13

$$\begin{array}{r}
 14 \\
 \hline
 13 \\
 \hline
 0 \\
 \hline
 138 \\
 126 \\
 \hline
 125 \\
 112 \\
 \hline
 13
 \end{array}$$

b) $35063 : 12 = 2921$ Rest 11

$$\begin{array}{r}
 12 \\
 \hline
 110 \\
 \hline
 108 \\
 \hline
 26 \\
 24 \\
 \hline
 23 \\
 12 \\
 \hline
 11
 \end{array}$$

②

a) $51162 : 17 = 3009$ Rest 9

$$\begin{array}{r}
 17 \\
 \hline
 01 \\
 \hline
 0 \\
 \hline
 16 \\
 0 \\
 \hline
 162 \\
 153 \\
 \hline
 9
 \end{array}$$

b) $24472 : 16 = 1529$ Rest 8

$$\begin{array}{r}
 16 \\
 \hline
 84 \\
 80 \\
 \hline
 47 \\
 32 \\
 \hline
 152 \\
 144 \\
 \hline
 8
 \end{array}$$

③

a) $64002 : 21 = 3047$ Rest 15

$$\begin{array}{r}
 21 \\
 \hline
 10 \\
 \hline
 0 \\
 \hline
 100 \\
 84 \\
 \hline
 162 \\
 147 \\
 \hline
 15
 \end{array}$$

b) $72164 : 18 = 4009$ Rest 2

$$\begin{array}{r}
 18 \\
 \hline
 72 \\
 \hline
 01 \\
 \hline
 0 \\
 \hline
 16 \\
 0 \\
 \hline
 164 \\
 162 \\
 \hline
 2
 \end{array}$$