

①

a) $67634 : 21 = 3220$ Rest 14

$$\begin{array}{r}
 63 \\
 \hline
 46 \\
 42 \\
 \hline
 43 \\
 42 \\
 \hline
 14 \\
 0 \\
 \hline
 14
 \end{array}$$

b) $43048 : 22 = 1956$ Rest 16

$$\begin{array}{r}
 22 \\
 \hline
 210 \\
 198 \\
 \hline
 124 \\
 110 \\
 \hline
 148 \\
 132 \\
 \hline
 16
 \end{array}$$

②

a) $52554 : 11 = 4777$ Rest 7

$$\begin{array}{r}
 44 \\
 \hline
 85 \\
 77 \\
 \hline
 85 \\
 77 \\
 \hline
 84 \\
 77 \\
 \hline
 7
 \end{array}$$

b) $87134 : 12 = 7261$ Rest 2

$$\begin{array}{r}
 84 \\
 \hline
 31 \\
 24 \\
 \hline
 73 \\
 72 \\
 \hline
 14 \\
 12 \\
 \hline
 2
 \end{array}$$

③

a) $90843 : 24 = 3785$ Rest 3

$$\begin{array}{r}
 72 \\
 \hline
 188 \\
 168 \\
 \hline
 204 \\
 192 \\
 \hline
 123 \\
 120 \\
 \hline
 3
 \end{array}$$

b) $30742 : 25 = 1229$ Rest 17

$$\begin{array}{r}
 25 \\
 \hline
 57 \\
 50 \\
 \hline
 74 \\
 50 \\
 \hline
 242 \\
 225 \\
 \hline
 17
 \end{array}$$