

①

a) $51154 : 16 = 3197$ Rest 2

$$\begin{array}{r}
 48 \\
 \hline
 31 \\
 16 \\
 \hline
 155 \\
 144 \\
 \hline
 114 \\
 112 \\
 \hline
 2
 \end{array}$$

b) $72940 : 17 = 4290$ Rest 10

$$\begin{array}{r}
 68 \\
 \hline
 49 \\
 34 \\
 \hline
 154 \\
 153 \\
 \hline
 10 \\
 0 \\
 \hline
 10
 \end{array}$$

②

a) $24951 : 22 = 1134$ Rest 3

$$\begin{array}{r}
 22 \\
 \hline
 29 \\
 22 \\
 \hline
 75 \\
 66 \\
 \hline
 91 \\
 88 \\
 \hline
 3
 \end{array}$$

b) $17256 : 18 = 958$ Rest 12

$$\begin{array}{r}
 162 \\
 \hline
 105 \\
 90 \\
 \hline
 156 \\
 144 \\
 \hline
 12
 \end{array}$$

③

a) $41687 : 24 = 1736$ Rest 23

$$\begin{array}{r}
 24 \\
 \hline
 176 \\
 168 \\
 \hline
 88 \\
 72 \\
 \hline
 167 \\
 144 \\
 \hline
 23
 \end{array}$$

b) $34640 : 25 = 1385$ Rest 15

$$\begin{array}{r}
 25 \\
 \hline
 96 \\
 75 \\
 \hline
 214 \\
 200 \\
 \hline
 140 \\
 125 \\
 \hline
 15
 \end{array}$$