

2.4

$$\begin{aligned} 1) \quad & 3412 = 4 \cdot 853 + 0 \\ & r = 0 \end{aligned}$$

$$\begin{aligned} 2) \quad & 177 = 9 \cdot 19 + 6 \\ & r = 6 \end{aligned}$$

$$\begin{aligned} 3) \quad & 31 = 31 \cdot 1 + 0 \\ & r = 0 \end{aligned}$$

$$\begin{aligned} 4) \quad & 31 = 25 \cdot 1 + 6 \\ & r = 6 \end{aligned}$$

$$\begin{aligned} 5) \quad & 365 = 5 \cdot 73 + 0 \\ & r = 0 \end{aligned}$$

$$\begin{aligned} 6) \quad & -3122 = 3 \cdot (-1041) + 1 \\ & r = 1 \end{aligned}$$

$$\begin{aligned} 7) \quad & 31458687312 = 10 \cdot 3145868731 + 2 \\ & r = 2 \end{aligned}$$

$$\begin{aligned} 8) \quad & -259874629 = 10 \cdot (-25987463) + 1 \\ & r = 1 \end{aligned}$$