

Long Division

Name: _____

Class: _____

What are the divisor and remainder?

$$\begin{array}{r} \square \overline{) 101} \\ \underline{610} \\ 010 \\ \underline{06} \\ 10 \\ \underline{6} \\ R \square \end{array}$$

$$\begin{array}{r} \square \overline{) 128} \\ \underline{768} \\ 16 \\ \underline{12} \\ 48 \\ \underline{48} \\ R \square \end{array}$$

$$\begin{array}{r} \square \overline{) 176} \\ \underline{529} \\ 3 \\ \underline{22} \\ 21 \\ \underline{19} \\ 18 \\ \underline{18} \\ R \square \end{array}$$

$$\begin{array}{r} \square \overline{) 116} \\ \underline{933} \\ 8 \\ \underline{138} \\ 53 \\ \underline{48} \\ R \square \end{array}$$

$$\begin{array}{r} \square \overline{) 129} \\ \underline{777} \\ 6 \\ \underline{17} \\ 12 \\ \underline{57} \\ 54 \\ \underline{54} \\ R \square \end{array}$$

$$\begin{array}{r} \square \overline{) 188} \\ \underline{755} \\ 4 \\ \underline{35} \\ 32 \\ \underline{35} \\ 32 \\ \underline{32} \\ R \square \end{array}$$

$$\begin{array}{r} \square \overline{) 141} \\ \underline{708} \\ 5 \\ \underline{20} \\ 20 \\ \underline{08} \\ 45 \\ \underline{45} \\ R \square \end{array}$$

$$\begin{array}{r} \square \overline{) 219} \\ \underline{438} \\ 4 \\ \underline{03} \\ 2 \\ \underline{18} \\ 18 \\ \underline{18} \\ R \square \end{array}$$

$$\begin{array}{r} \square \overline{) 126} \\ \underline{631} \\ 6 \\ \underline{13} \\ 10 \\ \underline{31} \\ 30 \\ \underline{30} \\ R \square \end{array}$$

Answers

What are the divisor and remainder?

$$\begin{array}{r}
 \boxed{1} \boxed{0} \boxed{1} \\
 \boxed{6} \overline{) \boxed{6} \boxed{1} \boxed{0}} \\
 \underline{\boxed{6}} \\
 \boxed{0} \boxed{1} \\
 \underline{ \boxed{0}} \\
 \boxed{1} \boxed{0} \\
 \underline{ \boxed{6}} \\
 \text{R } \boxed{4}
 \end{array}$$

$$\begin{array}{r}
 \boxed{1} \boxed{2} \boxed{8} \\
 \boxed{6} \overline{) \boxed{7} \boxed{6} \boxed{8}} \\
 \underline{\boxed{6}} \\
 \boxed{1} \boxed{6} \\
 \underline{\boxed{1} \boxed{2}} \\
 \phantom{\boxed{1}} \boxed{4} \boxed{8} \\
 \underline{\phantom{\boxed{1}} \boxed{4} \boxed{8}} \\
 \text{R } \boxed{0}
 \end{array}$$

$$\begin{array}{r}
 \boxed{1} \boxed{7} \boxed{6} \\
 \boxed{3} \overline{) \boxed{5} \boxed{2} \boxed{9}} \\
 \underline{\phantom{\boxed{1}} \boxed{3}} \\
 \phantom{\boxed{1}} \boxed{2} \boxed{2} \\
 \underline{\phantom{\boxed{1}} \boxed{2} \boxed{1}} \\
 \phantom{\boxed{1}} \phantom{\boxed{2}} \boxed{1} \boxed{9} \\
 \underline{\phantom{\boxed{1}} \phantom{\boxed{2}} \boxed{1} \boxed{8}} \\
 \text{R } \boxed{1}
 \end{array}$$

$$\begin{array}{r}
 \boxed{1} \boxed{1} \boxed{6} \\
 \boxed{8} \overline{) \boxed{9} \boxed{3} \boxed{3}} \\
 \underline{\phantom{\boxed{1}} \boxed{8}} \\
 \phantom{\boxed{1}} \boxed{1} \boxed{3} \\
 \underline{\phantom{\boxed{1}} \phantom{\boxed{1}} \boxed{8}} \\
 \phantom{\boxed{1}} \phantom{\boxed{1}} \boxed{5} \boxed{3} \\
 \underline{\phantom{\boxed{1}} \phantom{\boxed{1}} \boxed{4} \boxed{8}} \\
 \text{R } \boxed{5}
 \end{array}$$

$$\begin{array}{r}
 \boxed{1} \boxed{2} \boxed{9} \\
 \boxed{6} \overline{) \boxed{7} \boxed{7} \boxed{7}} \\
 \underline{\phantom{\boxed{1}} \boxed{6}} \\
 \phantom{\boxed{1}} \boxed{1} \boxed{7} \\
 \underline{\phantom{\boxed{1}} \phantom{\boxed{1}} \boxed{2}} \\
 \phantom{\boxed{1}} \phantom{\boxed{1}} \boxed{5} \boxed{7} \\
 \underline{\phantom{\boxed{1}} \phantom{\boxed{1}} \boxed{5} \boxed{4}} \\
 \text{R } \boxed{3}
 \end{array}$$

$$\begin{array}{r}
 \boxed{1} \boxed{8} \boxed{8} \\
 \boxed{4} \overline{) \boxed{7} \boxed{5} \boxed{5}} \\
 \underline{\phantom{\boxed{1}} \boxed{4}} \\
 \phantom{\boxed{1}} \boxed{3} \boxed{5} \\
 \underline{\phantom{\boxed{1}} \phantom{\boxed{3}} \boxed{2}} \\
 \phantom{\boxed{1}} \phantom{\boxed{3}} \boxed{3} \boxed{5} \\
 \underline{\phantom{\boxed{1}} \phantom{\boxed{3}} \phantom{\boxed{3}} \boxed{2}} \\
 \text{R } \boxed{3}
 \end{array}$$

$$\begin{array}{r}
 \boxed{1} \boxed{4} \boxed{1} \\
 \boxed{5} \overline{) \boxed{7} \boxed{0} \boxed{8}} \\
 \underline{\phantom{\boxed{1}} \boxed{5}} \\
 \phantom{\boxed{1}} \boxed{2} \boxed{0} \\
 \underline{\phantom{\boxed{1}} \phantom{\boxed{2}} \boxed{0}} \\
 \phantom{\boxed{1}} \phantom{\boxed{2}} \boxed{0} \boxed{8} \\
 \underline{\phantom{\boxed{1}} \phantom{\boxed{2}} \phantom{\boxed{0}} \boxed{4} \boxed{5}} \\
 \text{R } \boxed{3}
 \end{array}$$

$$\begin{array}{r}
 \boxed{2} \boxed{1} \boxed{9} \\
 \boxed{2} \overline{) \boxed{4} \boxed{3} \boxed{8}} \\
 \underline{\phantom{\boxed{2}} \boxed{4}} \\
 \phantom{\boxed{2}} \boxed{0} \boxed{3} \\
 \underline{\phantom{\boxed{2}} \phantom{\boxed{0}} \boxed{2}} \\
 \phantom{\boxed{2}} \phantom{\boxed{0}} \boxed{1} \boxed{8} \\
 \underline{\phantom{\boxed{2}} \phantom{\boxed{0}} \phantom{\boxed{1}} \boxed{8}} \\
 \text{R } \boxed{0}
 \end{array}$$

$$\begin{array}{r}
 \boxed{1} \boxed{2} \boxed{6} \\
 \boxed{5} \overline{) \boxed{6} \boxed{3} \boxed{1}} \\
 \underline{\phantom{\boxed{1}} \boxed{6}} \\
 \phantom{\boxed{1}} \boxed{1} \boxed{3} \\
 \underline{\phantom{\boxed{1}} \phantom{\boxed{1}} \boxed{0}} \\
 \phantom{\boxed{1}} \phantom{\boxed{1}} \boxed{3} \boxed{1} \\
 \underline{\phantom{\boxed{1}} \phantom{\boxed{1}} \phantom{\boxed{3}} \boxed{0}} \\
 \text{R } \boxed{1}
 \end{array}$$