

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Score: \_\_\_\_\_

**Long Division with remainders - Fill in the blanks!**

1).  $3 \overline{)763}$  r

2).  $7 \overline{)793}$  r

3).  $2 \overline{)521}$  r

4).  $5 \overline{)604}$  r

Answers

1). 
$$\begin{array}{r} \begin{array}{|c|c|c|} \hline 2 & 5 & 4 \\ \hline \end{array} \quad r \begin{array}{|c|} \hline 1 \\ \hline \end{array} \\ \hline 3 \overline{)763} \\ \begin{array}{|c|} \hline 6 \\ \hline \end{array} \downarrow \begin{array}{|c|} \hline \phantom{0} \\ \hline \end{array} \\ \begin{array}{|c|c|} \hline 1 & 6 \\ \hline \end{array} \\ \begin{array}{|c|c|} \hline 1 & 5 \\ \hline \end{array} \downarrow \\ \begin{array}{|c|c|} \hline 1 & 3 \\ \hline \end{array} \\ \begin{array}{|c|c|} \hline 1 & 2 \\ \hline \end{array} \\ \hline \begin{array}{|c|c|} \hline 0 & 1 \\ \hline \end{array} \end{array}$$

2). 
$$\begin{array}{r} \begin{array}{|c|c|c|} \hline 1 & 1 & 3 \\ \hline \end{array} \quad r \begin{array}{|c|} \hline 2 \\ \hline \end{array} \\ \hline 7 \overline{)793} \\ \begin{array}{|c|} \hline 7 \\ \hline \end{array} \downarrow \begin{array}{|c|} \hline \phantom{0} \\ \hline \end{array} \\ \begin{array}{|c|c|} \hline 0 & 9 \\ \hline \end{array} \\ \begin{array}{|c|c|} \hline 0 & 7 \\ \hline \end{array} \downarrow \\ \begin{array}{|c|c|} \hline 2 & 3 \\ \hline \end{array} \\ \begin{array}{|c|c|} \hline 2 & 1 \\ \hline \end{array} \\ \hline \begin{array}{|c|c|} \hline 0 & 2 \\ \hline \end{array} \end{array}$$

3). 
$$\begin{array}{r} \begin{array}{|c|c|c|} \hline 2 & 6 & 0 \\ \hline \end{array} \quad r \begin{array}{|c|} \hline 1 \\ \hline \end{array} \\ \hline 2 \overline{)521} \\ \begin{array}{|c|} \hline 4 \\ \hline \end{array} \downarrow \begin{array}{|c|} \hline \phantom{0} \\ \hline \end{array} \\ \begin{array}{|c|c|} \hline 1 & 2 \\ \hline \end{array} \\ \begin{array}{|c|c|} \hline 1 & 2 \\ \hline \end{array} \downarrow \\ \begin{array}{|c|c|} \hline 0 & 1 \\ \hline \end{array} \\ \begin{array}{|c|c|} \hline 0 & 0 \\ \hline \end{array} \\ \hline \begin{array}{|c|c|} \hline 0 & 1 \\ \hline \end{array} \end{array}$$

4). 
$$\begin{array}{r} \begin{array}{|c|c|c|} \hline 1 & 2 & 0 \\ \hline \end{array} \quad r \begin{array}{|c|} \hline 4 \\ \hline \end{array} \\ \hline 5 \overline{)604} \\ \begin{array}{|c|} \hline 5 \\ \hline \end{array} \downarrow \begin{array}{|c|} \hline \phantom{0} \\ \hline \end{array} \\ \begin{array}{|c|c|} \hline 1 & 0 \\ \hline \end{array} \\ \begin{array}{|c|c|} \hline 1 & 0 \\ \hline \end{array} \downarrow \\ \begin{array}{|c|c|} \hline 0 & 4 \\ \hline \end{array} \\ \begin{array}{|c|c|} \hline 0 & 0 \\ \hline \end{array} \\ \hline \begin{array}{|c|c|} \hline 0 & 4 \\ \hline \end{array} \end{array}$$