

Name _____

Date _____

Long Division Practice Worksheet

Find the quotient and remainder.

$$98 \overline{)14210}$$

Solution:

Step 1

$$\begin{array}{r} 1 \\ 98 \overline{)14210} \\ \underline{98} \\ 441 \end{array}$$

Multiply 1 and 98.
Subtract.
Bring 1 down.

Step 2

$$\begin{array}{r} 14 \\ 98 \overline{)14210} \\ \underline{98} \\ 441 \\ \underline{392} \\ 490 \end{array}$$

Multiply 4 and 98.
Subtract.
Bring 0 down.

Step 3

$$\begin{array}{r} 145 \\ 98 \overline{)14210} \\ \underline{98} \\ 441 \\ \underline{392} \\ 490 \\ \underline{490} \\ 0 \end{array}$$

Multiply 5 and 98.
Subtract.
Remainder is 0.

Answer: Quotient, Q=145, Remainder=0

Practice Problems.

1	$17 \overline{)37723}$	2	$47 \overline{)14194}$
---	------------------------	---	------------------------

