

The four long division slips

Name: _____

Date: _____

The four things that go wrong most often, and what each one looks like on paper.

A

A difference bigger than the divisor

It means the quotient digit was too small. Raise it by one and subtract again.

B

A skipped zero

When the divisor will not go, a zero still has to be written above that digit.

C

Digits in the wrong column

The quotient digit belongs directly above the digit you just brought down.

D

A remainder left as an answer

A remainder is what is left, never the quotient. It is written after the R.

Two to try, remainders and all

1.
$$\begin{array}{r} \boxed{} \\ 5 \overline{) 304} \end{array} \quad \text{R } \underline{}$$

2.
$$\begin{array}{r} \boxed{} \\ 9 \overline{) 654} \end{array} \quad \text{R } \underline{}$$

Answer key: The four long division slips

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Two to try, remainders and all

1.

$$\begin{array}{r} 60 \text{ R } 4 \\ 5 \overline{) 304} \\ \underline{- 30} \\ 4 \\ \underline{- 0} \\ 4 \end{array}$$

2.

$$\begin{array}{r} 72 \text{ R } 6 \\ 9 \overline{) 654} \\ \underline{- 63} \\ 24 \\ \underline{- 18} \\ 6 \end{array}$$