

Long division in 14 "easy" steps

We are not requiring all of these steps in our output for this problem. But this is the full process for those of you who have forgotten how, or never learned this method.

Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7
$\begin{array}{r} 25 \overline{)425} \end{array}$	$\begin{array}{r} 0 \\ 25 \overline{)425} \end{array}$	$\begin{array}{r} 0 \\ 25 \overline{)425} \\ \underline{0} \end{array}$	$\begin{array}{r} 0 \\ 25 \overline{)425} \\ \underline{0} \\ 4 \end{array}$	$\begin{array}{r} 0 \\ 25 \overline{)425} \\ \underline{0} \\ 42 \end{array}$	$\begin{array}{r} 0 \\ 25 \overline{)425} \\ \underline{0} \\ 42 \end{array}$	$\begin{array}{r} 01 \\ 25 \overline{)425} \\ \underline{0} \\ 42 \end{array}$
Step 8	Step 9	Step 10	Step 11	Step 12	Step 13	Step 14
$\begin{array}{r} 01 \\ 25 \overline{)425} \\ \underline{0} \\ 42 \\ \underline{25} \end{array}$	$\begin{array}{r} 01 \\ 25 \overline{)425} \\ \underline{0} \\ 42 \\ \underline{25} \\ 17 \end{array}$	$\begin{array}{r} 01 \\ 25 \overline{)425} \\ \underline{0} \\ 42 \\ \underline{25} \\ 175 \end{array}$	$\begin{array}{r} 01 \\ 25 \overline{)425} \\ \underline{0} \\ 42 \\ \underline{25} \\ 175 \end{array}$	$\begin{array}{r} 017 \\ 25 \overline{)425} \\ \underline{0} \\ 42 \\ \underline{25} \\ 175 \end{array}$	$\begin{array}{r} 017 \\ 25 \overline{)425} \\ \underline{0} \\ 42 \\ \underline{25} \\ 175 \\ \underline{175} \end{array}$	$\begin{array}{r} 017 \\ 25 \overline{)425} \\ \underline{0} \\ 42 \\ \underline{25} \\ 175 \\ \underline{175} \\ 000 \end{array}$

There are no more digits to bring down. The answer must be 17