## NUMBERCROSS <br> DFFICULTY LEVEL: <br> 

In a Numbercross puzzle, the goal is to fill all of the blanks in a grid with digits so that every number that is written in words appears in the grid.

> Numbers in the grid can be read either left-to-right or top-to-bottom.

Two hundred two
Two thousand five hundred
Five thousand five
Twenty-five thousand twenty
Twenty-five thousand two hundred
Two hundred thousand, two hundred fifty


First, we write each number using digits.

$$
\begin{array}{r}
202 \\
2,500 \\
5,005 \\
25,020 \\
25,200 \\
200,250
\end{array}
$$

We can arrange these numbers as shown so that every number appears in the grid.



One hundred fifty-three
Three hundred fifty-one
One thousand five
Three thousand fifty
Ten thousand, three hundred fifty
Fifty-one thousand, five hundred thirty
Fifty-three thousand thirteen


Three thousand twenty Three thousand, two hundred Twenty thousand, two hundred three Twenty thousand, three hundred Thirty thousand, two hundred Two hundred two thousand three


One thousand, two hundred thirty-four
Two thousand
Three thousand, eight hundred
Four thousand
Six thousand
Seven thousand
One hundred fifty-six thousand, seven hundred nine
Five hundred eight thousand nine
Nine hundred thousand ninety-nine
Nine hundred ninety-nine thousand nine


Seven hundred six
Six thousand seventy
Seventy thousand sixty
Seventy thousand, six hundred
Six hundred thousand seven
Seven hundred thousand, six hundred


One hundred five
Five hundred five
One thousand one
Five thousand one
One hundred five thousand fifty-one
Five hundred one thousand fifteen
Five hundred one thousand fifty-one


Eleven thousand, one hundred ten Eleven thousand, one hundred eleven
One hundred thousand
One hundred thousand thirty One hundred thousand thirty-one One hundred thousand five hundred One hundred thousand five hundred one
One hundred nine thousand
One hundred nine thousand one
One hundred eleven thousand, one hundred eleven
One hundred seventy thousand
One hundred seventy thousand one


One thousand ninety
One thousand, nine hundred
Nine thousand ten
Ninety thousand one
Nine hundred thousand, one hundred ten
Nine hundred ten thousand, one hundred ten


Four thousand four
Four thousand forty
Twenty-four thousand two
Twenty-four thousand, two hundred forty-four
Forty thousand forty
Forty thousand, two hundred four
Two hundred twenty-two thousand
Two hundred twenty-four thousand, four hundred twenty Two hundred forty-four thousand twenty


Three hundred five Three hundred seven
Five hundred three
Five hundred five
Seven hundred three
Seven hundred five
Fifty thousand, five hundred three Fifty thousand, seven hundred three
Five hundred seventy-three thousand, three hundred seventy-five



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