

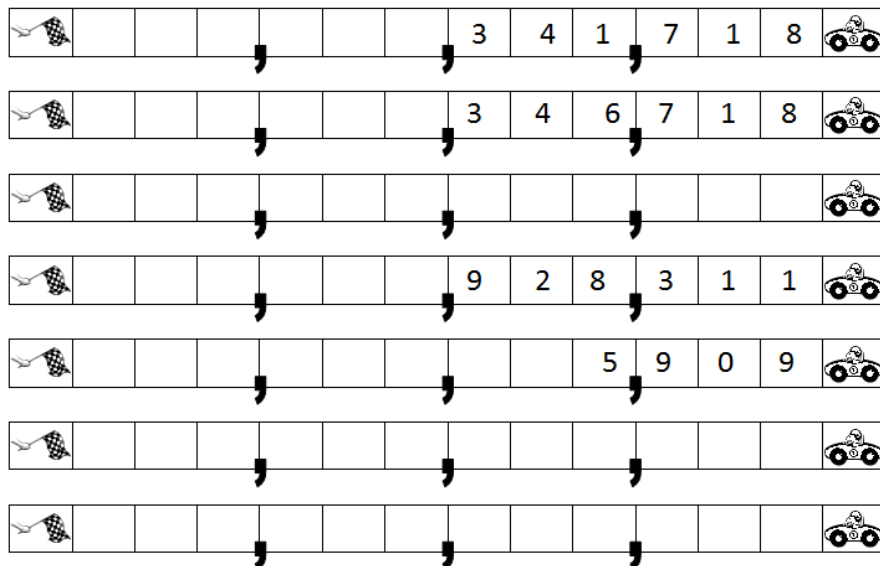
Race to a Billion

These cards can be used to help students gain an understanding of how to build large numbers, beginning with the right-most number (the ones place) and continuing left. This concept can be tricky for children, since other academic tasks (such as reading) move in a left to right manner.

To use, students write 1 digit of a number in a space on the chart, beginning at the "Starting Line" with the race car and moving toward the "Finish Line". The chart can be used to help students compare and contrast numbers or line up numbers for addition or subtraction. (See examples below) The race car acts as a visual signal to show students where to begin building the number, while the finish line gives them a destination to work towards.

This document contains 4 versions of the cards: unlabeled place value to hundred billions, labeled place value to hundred billions, unlabeled place value to hundred thousands, and labeled place value to hundred thousands.

Cards can be laminated or placed in page protectors prior to student use. Students can then use dry erase or overhead markers to fill in the boxes.



The first 2 rows show how students can use the charts to compare 2 numbers. Students line up the numbers in adjacent charts and can then easily see where the numbers differ and how they compare to one another.

The 4th and 5th rows show how students can use the charts to add or subtract numbers. By remembering to start at the race car, students can easily line up the numbers without making errors in positioning.