

Greatest Number Wins

You will need a number cube or a spinner.
Each player will need a piece of paper.



The object of the game is to try to make the largest number possible using the numbers spun on the spinner or rolled on the number cube.

Here's how you play:

Spin the spinner or roll the number cube and stop after each spin or roll.

Each player must record a number in one of the boxes before the next roll.

Once a number is written, it **can't be used/moved to a different box**.

Roll/spin and record 5 times.

After you play a few times, please write about a successful strategy that can help you win. Part of the game depends on chance and part depends on strategy. Please tell what's chance and what's strategy.

Extension:

Switch the game to make the smallest number possible. Will the same strategy win?