

# ANALYST SEPTEMBER CHALLENGE

This month's challenges are Ken Ken Puzzles! Like Sudoku, even though difficulty may vary from puzzle to puzzle, the rules for playing KenKen are fairly simple:

For a 3x3 puzzle, fill in with numbers 1-3.

For a 4x4 puzzle, fill in with numbers 1-4.

For a 5x5 puzzle, fill in with numbers 1-5.

For a 6x6 puzzle, fill in with the numbers 1-6.

For a 7x7 puzzle, fill in with the numbers 1-7.

For a 8x8 puzzle, fill in with the numbers 1-8.

For a 9x9 puzzle, fill in with the numbers 1-9.

Do not repeat a number in any row or column.

The numbers in each heavily outlined set of squares, called cages, must combine (in any order) to produce the target number in the top corner of the cage using the mathematical operation indicated. Examples: If it says 8+ the sum of the numbers in that cage should be 8. If it says 2-, then the difference between the numbers should be 2. If it says 4x, then the product of the numbers should be 4. Lastly, if it says 4÷, when the numbers are divided the resulting quotient should be 4.

Cages with just one box should be filled in with the target number in the top corner.

A number can be repeated within a cage as long as it is not in the same row or column.

Use your incredible problem solving skills to fill in the puzzle for your rank!  
Good luck!

This is a 4x4 puzzle, so you must only use the numbers 1-4 without repeating any numbers in any single row or column and satisfying the criteria for all of the cages.

|            |  |           |            |
|------------|--|-----------|------------|
| <b>8×</b>  |  | <b>4+</b> |            |
| <b>10+</b> |  | <b>4×</b> |            |
| <b>1</b>   |  |           | <b>11+</b> |
| <b>3+</b>  |  |           |            |