

# Day 5 Memory Power

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Improve your memory with exercise.

### Puzzles for Memory/Logic

Puzzles are great tools for visual learners. Other learners can benefit from improving visual skills. Educational puzzles can be used to help learn things. Physical puzzles capitalize on visual learning skills. Adding specific information to the puzzles aids the learning process for information that can be included in puzzles. This can include items as basic as colors, shapes, letters and numbers, all the way to geography, astronomy, plant and animal species, periodic tables, and more.

Try the number, color, alphabet and shape puzzles in multiple languages. Complete the puzzle.

### Create your own Game - Tick, Tack, Toe Vocabulary

Create a grid 3 X 3 or 3 X 4 or 4 X 4.

Write the definition for each word on a random block until all are written down.

Write the vocabulary words on post-it notes.

Place the words on the correct blocks covering the definition.

Do the task backwards.

Read the word. Say the definition. Pull the sticky note off to confirm you are correct.

This works great speaking out loud each time you write a word or it's definition and as you match the words and definitions. You are using more senses which makes the memory stronger. It is also stronger than reading the words in a list, because you will be able to remember the words and definition in random order rather just in one order.

Use this for the new words learned from your puzzle. Write descriptions (or the English word) in different blocks of the grid. Write the Spanish and French words on post-it notes. Place the correct post-it note for each language over the correct description to practice your new words.

Try the Tic, Tac, Toe grid for information that does not need to be remembered in a specific order.

### Language/Logic

SCRABBLE gives letters different values and each player receives random letters from which they must create words.

Crossword puzzles and word finds help us remember vocabulary words and spelling while a wide variety of word puzzles help improve logic skills. Stating the words and definitions out loud includes verbal and aural learners with the visual and physical learning that comes naturally with these games.

### Remember Pi

Review digits for Pi, Great Lakes, Counties in Southern California.

## Math/Logic

SUDOKU uses logic, visual and physical learning skills. Reading the numbers out loud helps aural and verbal learners. Traditional SUDOKU consists of a grid of 9 blocks within 9 blocks. Each of the smaller blocks is a 3 X 3 square and each smaller square includes only one number between 1 and 9. Each row and column created by the blocks also includes only one number between 1 and 9.

Increase the difficulty of the puzzles by including fewer numbers, changing the design from 3 X 3 squares to random shapes, or using blocks in patterns to add 2 or 3 numbers. they can be made even more challenging with Number Squares, KAKURO, FUTOSHIKI, and Diamond shaped grids that require math skills along with logic.

### Sudoku

#### Puzzle 16

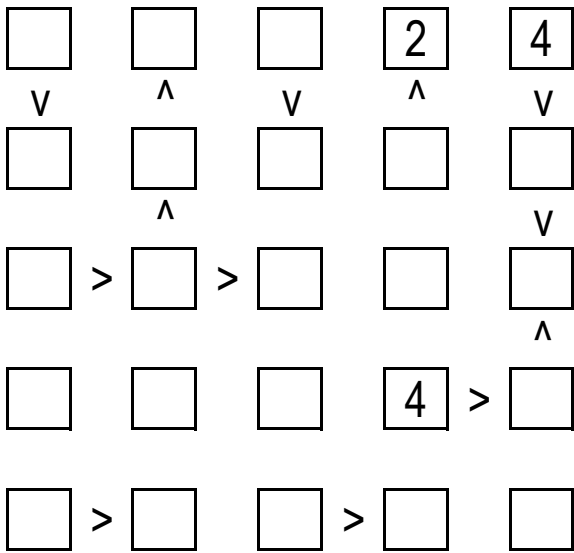
|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
|   |   |   |   | 9 |   | 5 |   | 8 |
| 3 |   | 1 |   |   | 8 | 9 |   |   |
|   |   | 6 | 2 | 5 |   |   |   |   |
| 1 |   |   |   |   |   |   |   | 9 |
|   | 4 |   |   | 8 |   |   | 3 |   |
| 9 |   |   |   |   |   |   |   | 6 |
|   |   |   |   | 1 | 5 | 2 |   |   |
|   |   | 2 | 6 |   |   | 4 |   | 5 |
| 5 |   | 9 |   | 4 |   |   |   |   |

### Sudoku

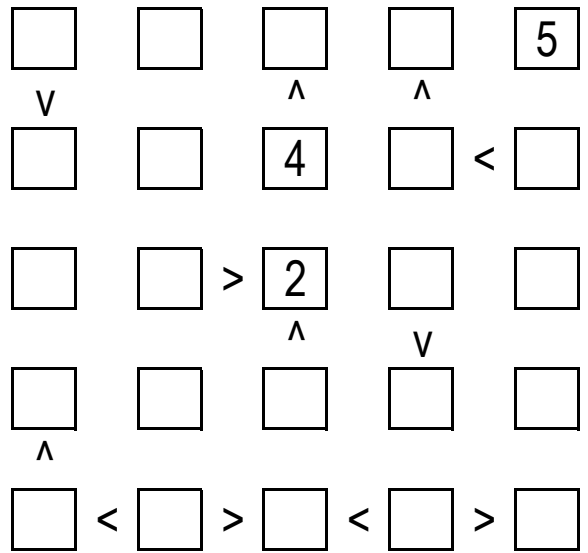
#### Puzzle 6

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
|   | 2 |   |   | 7 | 9 | 6 |   |   |
| 7 |   |   | 6 | 2 |   |   |   | 3 |
| 6 | 8 |   | 3 |   |   |   |   |   |
|   |   | 5 | 4 |   |   |   | 9 |   |
|   | 6 |   |   |   |   |   | 7 |   |
|   | 4 |   |   |   | 1 | 6 |   |   |
|   |   |   |   |   | 2 |   | 8 | 9 |
| 4 |   |   |   | 1 | 6 |   |   | 5 |
|   | 7 | 2 |   | 5 |   |   | 4 |   |

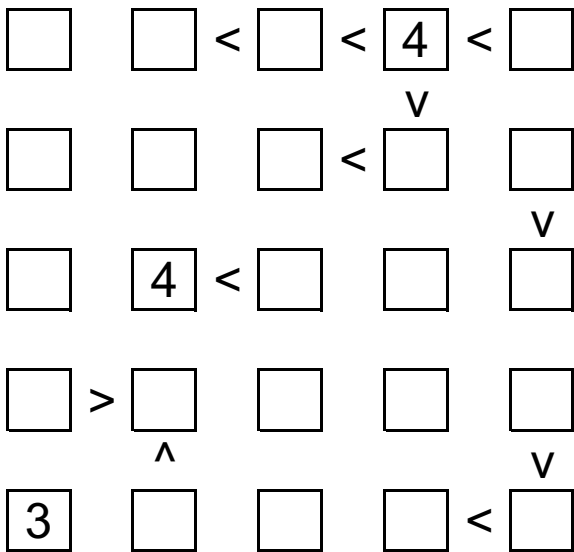
### Futoshiki Puzzle 4



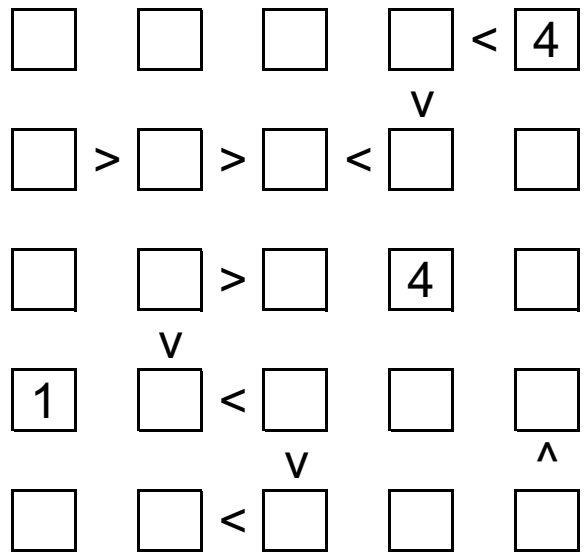
### Futoshiki Puzzle 28



### Futoshiki Puzzle 12



### Futoshiki Puzzle 20



Jigsaw Sudoku is similar to regular Sudoku, except the groups of 9 are not in square blocks.

## Sudoku

### Puzzle 24

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
|   | 1 |   | 5 |   |   | 3 |   |   |
|   |   | 9 |   |   | 8 |   |   | 6 |
| 6 | 3 | 7 |   |   |   |   | 9 |   |
|   | 4 |   | 6 | 9 |   |   |   |   |
| 1 |   |   | 4 |   | 3 |   |   | 9 |
|   |   |   |   | 8 | 7 |   | 3 |   |
|   | 9 |   |   |   |   | 1 | 6 | 3 |
| 4 |   |   | 7 |   |   | 9 |   |   |
|   |   | 5 |   |   | 6 |   | 4 |   |

## Jigsaw Sudoku

### Puzzle 15

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
|   |   |   |   |   |   | 6 |   | 4 |
|   | 2 |   |   |   | 3 |   |   |   |
|   |   |   |   |   |   |   |   | 1 |
|   |   |   |   |   |   |   |   |   |
|   |   |   |   |   | 7 |   | 9 | 5 |
|   | 9 | 2 | 6 |   |   |   |   | 8 |
|   | 7 |   |   |   |   | 1 |   | 9 |
| 4 | 3 |   |   | 2 |   |   |   |   |
|   | 8 | 9 |   | 6 |   | 5 |   |   |

## Jigsaw Sudoku

### Puzzle 7

|   |   |   |  |   |   |   |   |   |
|---|---|---|--|---|---|---|---|---|
|   |   |   |  |   |   |   |   | 6 |
|   |   | 8 |  | 4 | 3 |   | 2 | 9 |
| 3 |   | 4 |  |   |   |   |   |   |
| 2 | 6 |   |  |   | 4 | 7 | 3 |   |
|   |   |   |  | 5 |   |   |   | 8 |
|   |   | 5 |  | 3 |   |   | 6 |   |
| 7 |   |   |  |   |   |   |   |   |
|   |   | 6 |  | 2 |   |   |   |   |
| 9 | 1 |   |  |   |   |   |   |   |

## Jigsaw Sudoku

### Puzzle 23

|   |   |   |   |   |  |   |  |   |
|---|---|---|---|---|--|---|--|---|
|   |   | 7 | 4 |   |  | 6 |  |   |
|   | 2 | 4 | 6 | 5 |  | 8 |  |   |
|   | 7 | 5 |   |   |  |   |  | 8 |
| 9 |   |   | 1 | 8 |  | 7 |  |   |
|   | 1 |   | 2 |   |  |   |  |   |
|   |   |   |   |   |  | 2 |  |   |
|   |   | 8 |   |   |  |   |  | 6 |
|   |   |   |   | 4 |  |   |  | 3 |
|   |   |   |   |   |  |   |  |   |