

COMBINATIONS



the
Happy
Puzzle
Company

OVERVIEW

Each of the 72 multi-level challenges in Combinations, requires you to position six pieces on the 4x4 grid. There are three different coloured sets, red, blue and green. Each colour has two different pieces, one containing two square holes and one containing one circular hole.

Each challenge requires you to fill the whole grid, so that for each colour, combining the two numbers or symbols that appear in the square holes will equal what appears in the circular hole of the same colour, all at the same time. Sometimes, that will involve addition, sometimes subtraction and sometimes some creative thinking!

Combinations is a fun and addictive set of puzzles, in which you will need to think beyond the obvious and judge which nine of the squares on the grid will need to stay visible and which can be covered!

CONTENTS

1 x transparent lid with 4x4 grid
24 x double-sided challenge cards
6 x playing pieces (in three colours)
1 x instruction and solution booklet

SETTING UP:

Remove the transparent lid. Place all cards back in the tray with your chosen card on top and close the lid. Place the coloured puzzle pieces on top of the transparent lid.

HOW TO PLAY:

Select a challenge card. There are 24 cards, each with a challenge on each side. The challenges with numbers and dice each feature two separate challenges, using both addition (the first challenge) and subtraction (the second challenge). Therefore, there are 72 challenges in total. There is only one solution for each challenge.

Number puzzles: STARTER Challenges 1 to 16

These challenges feature the numbers from 1 to 9 and include blank spaces and some numbers having been coloured in the same colour as the correct 'frame' as a clue. Each card can be solved as an addition challenge (so that adding the numbers together in both of the squares will equal the number in the same coloured circle), or as a subtraction challenge (so that subtracting the smaller number from the larger number in both of the squares will equal the number in the same coloured circle).

Dice puzzles: STARTER Challenges 17 to 32

These challenges feature dice faces. Each card can be solved as an addition challenge (so that adding the number of dots together on the dice faces of in both of the squares will equal the number on the die face in the same coloured circle), or as a subtraction challenge (so that subtracting the smaller number of dots from the larger number of dots on the faces of the dice in both of the squares will equal the number on the die face in the same coloured circle).

Colour puzzles: JUNIOR Challenges 33 to 40

The aim of these challenges is to create the secondary colours (orange, green and purple) using the primary colours (red, yellow, blue). In other words, the colours that appear in the squares, when mixed, would make the colour that appears in the circle on the same coloured frame.

Shape puzzles: EXPERT Challenges 41 to 48

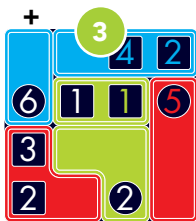
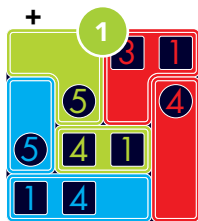
There are two different types of these puzzles. Some display outlines of shapes that need to be combined. Others show solid shapes to combine. Shapes must overlap but can't be rotated when combined.

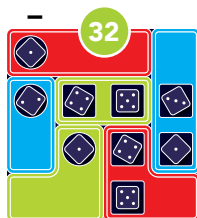
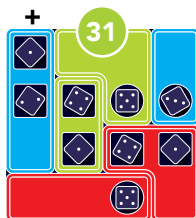
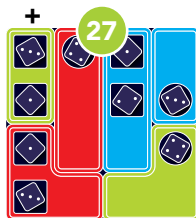
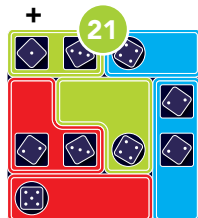
Face puzzles: MASTER Challenges 49 to 56

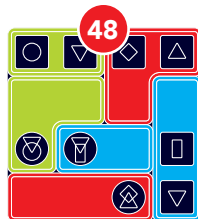
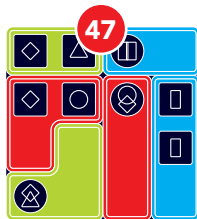
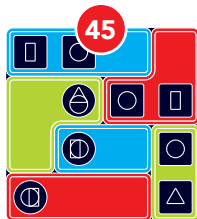
These challenges require you to place two face elements (indicated by a dotted outline) in the square holes, that when combined, would create the complete face that appears in the round hole of the same colour.

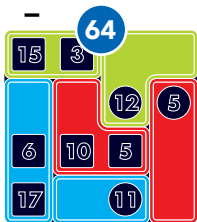
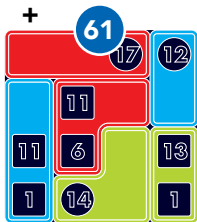
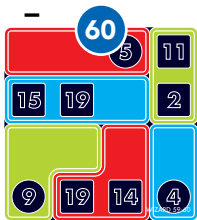
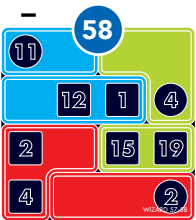
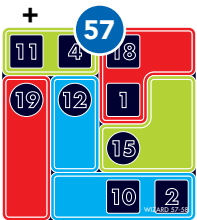
Challenging number puzzles: WIZARD Challenges 57 to 72

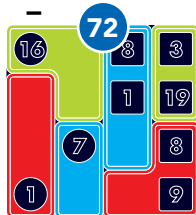
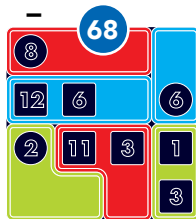
These challenges feature the numbers from 1 to 19. Each card can be solved as an addition challenge (so that adding the numbers together in both of the squares will equal the number in the same coloured circle), or as a subtraction challenge (so that subtracting the smaller number from the larger number in both of the squares will equal the number in the same coloured circle).











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