

# BALANCE QUEST

## "Checkerboards"

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Balance Quest Checkerboard Puzzles are like jigsaw puzzles, but played with positive and negative numbers. They are designed for players who enjoy recreational math and logic puzzles like Sudoku.

		4		3		
2	-2					-6
8						-1
			0			
2		6		-4		
					-8	3
						5

Small Checkerboard Example

-6		4		3		-5
2	-2	-4		10	4	-6
8		-8		7		-1
			0			
2		6		-4		-2
-1	6	7		-11	-8	3
-3		1		-7		5

Small Checkerboard Example Solution

### Puzzle Rules:

- Using simple addition, fill in each empty grey box, based on the sum of the numbers in the other grey boxes as described in the bottom section.
- The dark grey boxes contain the numbers from -8 to +8 (for small puzzles), or -16 to +16 (for large puzzles), except 0. The black boxes are empty.
- Leave no duplicate numbers in the light grey boxes (including 0), or in the dark grey boxes, but numbers may be repeated between them.

2	-2	-4
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-6
2
8

Let's break down the left-most upper quadrant of this small puzzle.

In the above example, -2 is composed of  $2 + -4$ .

In the example to the left, 2 is composed of  $-6 + 8$ .

Please see the website for additional type puzzles and book orders.

Happy puzzling!