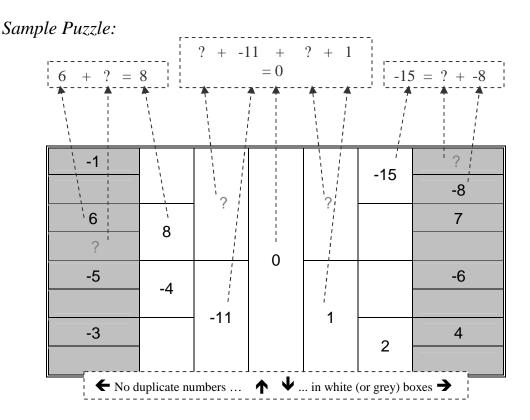# Balance Quest® Sixteen Puzzle Instructions

www.balancequestpuzzle.com

Complete a **Balance Quest** small puzzle by filling in the empty boxes with positive and negative numbers in a way that balances the sums between all values in the grid.

Sample Puzzle:

$? + -11 + ? + 1 = 0$

$6 + ? = 8$

$-15 = ? + -8$

-1				-15	?
	8	?			-8
6			?		7
?			0		
-5	-4				-6
		-11	1		
-3					4
			2		

← No duplicate numbers … ↑ ↓ … in white (or grey) boxes →

Puzzle Rules:

1. The value in each white box equals the sum of its adjoining half-height boxes (see examples within the dashed bubbles at top)

2. The shaded boxes include <u>all numbers</u> from -8 through 8, except 0.

3. No duplicate numbers may exist among the white boxes, or among the shaded boxes, but duplicate numbers may exist between the white and shaded boxes.

Please use a Pencil with an eraser.

Puzzle by: Whit McMahan

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Sample Puzzle Solution:

-1	7				-15	-7
8		15		-5		-8
6	8				10	7
2			0			3
-5	-4				-1	-6
1		-11		1		5
-3	-7				2	4
-4						-2

Puzzle by: Whit McMahan