

Balance Quest Sixty-four Instructions

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Complete a **Balance Quest Sixty-four** 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:

← No duplicates numbers ... ↑ ↓ ... in white (or grey) boxes →

-26	-15								22	?
										-2
-21			-57				52			-10
-17	-1							36		31
		2								
27									-2	-22
-28	-20			?					47	30
			-53							-1
-25										
-12		? + ?						-84		-19
10		24 + 12 = 0							-45	-30
					0					28
3		-48							-13	-4
-3	-19						84			
										-7
-29								44		12
-5	4								33	
				24						
32						12				
		51						-14	?	-18
1	6								17	2
23			128							-27
19	48								-17	-6

*Helpful Hints: -14 14 22 26

-14 = ? + 17

Please use a Pencil with an eraser.

*The helpful hints refer to the unresolved values in the grey boxes, which you may find useful as you progress.

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Puzzle Rules:

1. The value in each white box equals the sum of its adjoining half-height boxes (see examples within the dashed bubbles)
2. The shaded boxes include all numbers from -32 through 32, except 0.
3. No duplicate numbers may exist among the white boxes, or among the shaded boxes, but duplicates may exist between the white and shaded boxes.

Sample Puzzle Solution:

-26	-15							22	24
11		-59						16	-2
-23	-44							-6	4
-21			-57				52		-10
16	-1							38	31
-17		2						36	7
-24	3							-2	-22
27									20
-28	-20			-64		28		47	30
8		-53						60	17
-8	-33							13	-1
-25			-7				-24		14
26	14							-39	-20
-12		46						-84	-19
10	32							-45	-15
22									-30
-32	-29				0				25
3		-48						53	28
-16	-19							40	-4
-3			-104					-13	-9
-31	-60						84		18
-29		-56						44	-7
-5	4							11	12
9								33	21
32	45			24		12			-13
13		51						-14	-18
5	6							17	15
1			128						2
23	29						-72		-27
6		77						-41	-14
19								-58	-6
29	48							-17	-11