

## Residue Grid for $a + b \leq 10$

$a \backslash b$	1	2	3	4	5	6	7	8	9
1	37	93	49	05	61	17	73	29	85
2	53	09	65	21	77	33	89	45	
3	69	25	81	37	93	49	05		
4	85	41	97	53	09				
5	01	57	13	69	25				
6	17	73	29	85					
7	33	89	45						
8	49	05							
9	65								

## Notes

- Residues are computed by encoding " $a + b =$ " to hex, converting to decimal, and taking the last two digits.
- Example: For  $a = 1, b = 1$ , " $1 + 1 =$ "  $\rightarrow$  hex  $312B313D \rightarrow$  decimal  $824914237 \rightarrow$  residue 37.
- Cells are blank where  $a + b > 10$ .