Convert 72_{10} to binary (base 2) Column Value Method

72	_ _ _ _ _ _ _ _ 128 **64** 32 16 8 4 2 1	1. Find largest column less than your number
72 – 64 = 8	_ 1 _ _ _ _ _ _ 128 64 32 16 8 4 2 1	2. Place a 1 in that column. Subtract column value from your number to get a new number (8)
72 – 64 = **8**	_ 1 _ _ 1 _ _ _ 128 64 32 16 **8** 4 2 1	3. Repeat step 1 & 2 until you get to zero as your new number
	0 1 0 0 1 0 0 0 128 64 32 16 8 4 2 1	4. Fill in the remaining columns with zeros.