P4: End Of The First Day

The colors of each column are supposed to correspond to a previously completed puzzle (as shown by the business card description on the first page). This allows us to know which answer to put for which column. The first column which is orange is ART. The second column which is brown is YEN. Finally, the last column, which is pink is ICE. The next thing to do is to fill out the words which are missing letters. It turns out that only letters from the answer word above each column are missing, which makes it easier to find the desired words. Cluekeeper would also have verified these words using a hangman mechanism. Once the words are found, you can fill in the number of each letter used in the grid. Your completed worksheet should look like the following image:

	Do you remember the answer from this puzzle?	A	R	7			Do you remember the answer from this puzzle?	Y	E	\sim			Do you remember the answer from this puzzle?	1	С	E	
How many of each letter are used in the word?					_			How many of each letter are used in the word?						How many of each letter are used in the word?			
1	BROADCASTERS	2	2	I	Y	7	BATON	0	0	I	A	13	LIKEWISE	2	0	2	T
2	ROSEMARY	I	2	0	0	8	INTENSIFY	I	I	2	\sim	14	INHERITED	2	0	2	T
3	STRUCTURE	0	2	2	H	9	LINEAR	0	I	1	D	15	INTACT	1	I	0	L
4	NARROW	I	2	0	0	10	INTO	0	0	I	A	16	ESCAPE	0	I	2	E
5	TYPEWRITER	0	2	2	H	11	MOUNTAIN	0	0	2	B	17	CIRCULARS	1	\mathcal{N}	0	0
6	CORPORAL	I	2	0	0	12	EXPERTLY	I	2	0	0	18	CYCLOPS	0	2	0	F

You'll notice that there are also letters to the right of each row in the image above. This is the last step of the puzzle. To figure out the pattern, we can use the business cards and the cards show in the puzzle. If you look at the back of the business cards, there are words. They seem to line up with the letters inside the cards. Thus,



The way to make sense of this is to do the same thing we did above: count the number of each of the 'key letters' in the word. For example, in ULTIMATE, there is 1 A, 0 R's, and 2 T's. This is a 102, which you might notice is a K under the ternary row in the code sheet. The other words all follow this pattern. We can then apply this same ternary conversion pattern to the worksheet values above which results in the letters to the right of each row.

This spells out YOHOHO AND A BOTTLE OF. This is a reference to a pirate song and its answer is our fourth 3-letter word: RUM. From the back of the fourth card, we have $_____$ = Z which is 26. 26 in ternary is 222, so we must use each of the letters in RUM twice. The only word that fits this is the word **MURMUR**.