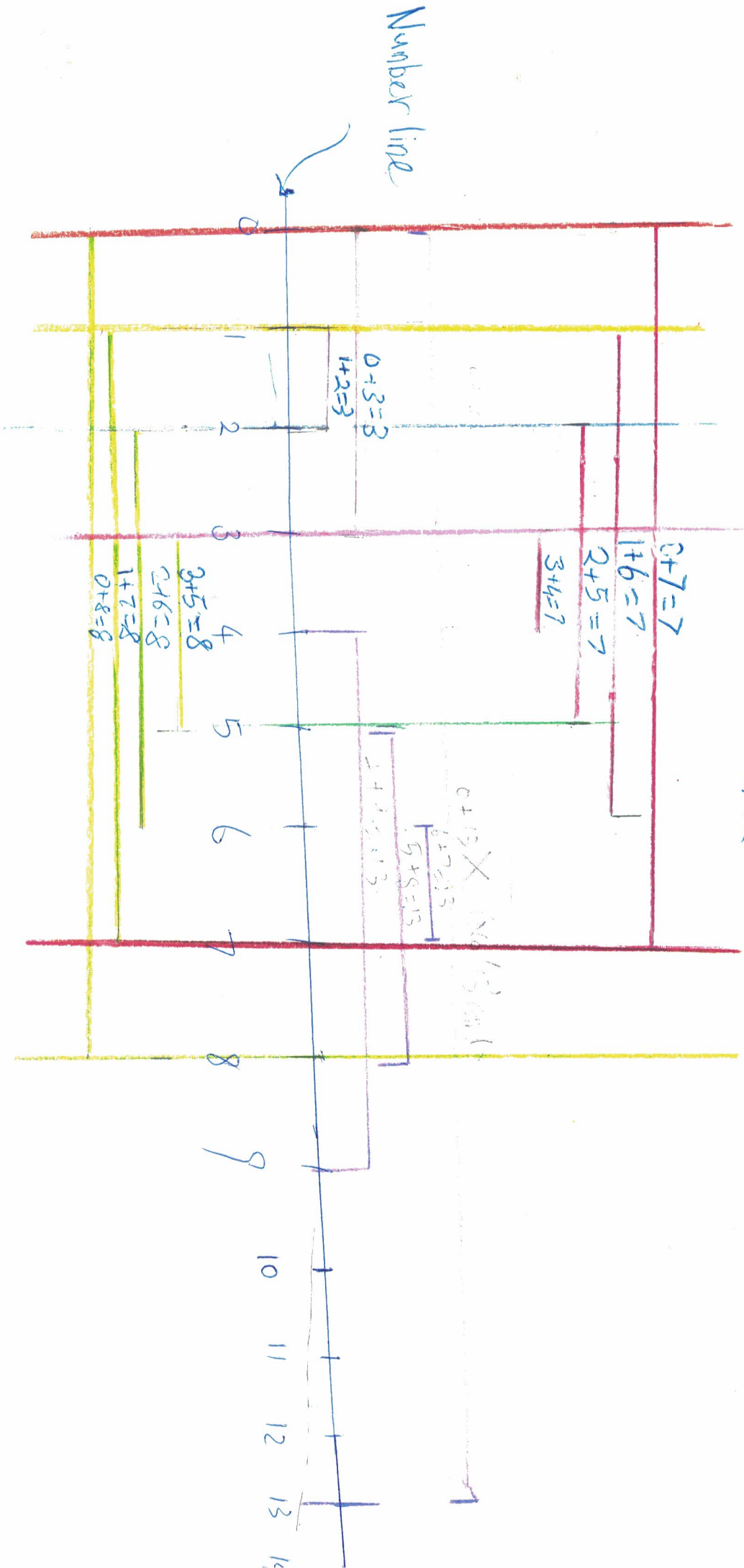


DIAGRAM

DATE: 11/10/2021



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3	7	8	13	14
0+3	0+7	0+8	0+5	...
1+2	1+6	1+7	1+2	5+9
	2+5	2+6	...	6+8
	3+4	3+5	4+9	...
		4+4	5+8	...
			6+7	...

These are the solutions to the questions.

$$3+5=8$$

$$1+2=3$$

$$0+7=7$$

$$4+9=13$$

$$6+8=14$$

I wrote out all the possibilities with the help of number lines (Refer to diagram)

Since no card appears twice, I used elimination systematically to get the solutions.

When the number is smaller, fewer ways are there to make it

Example: 3 has only 2 possibilities, while 7 has 4. (As shown on the diagram)