

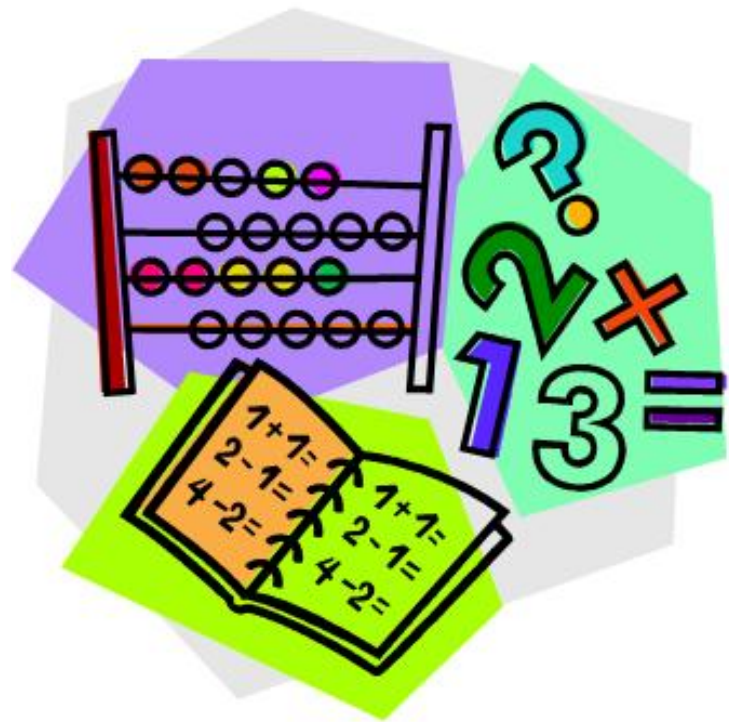
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Tools and Activities for Number and Operations

Tools and Activities to promote understanding.



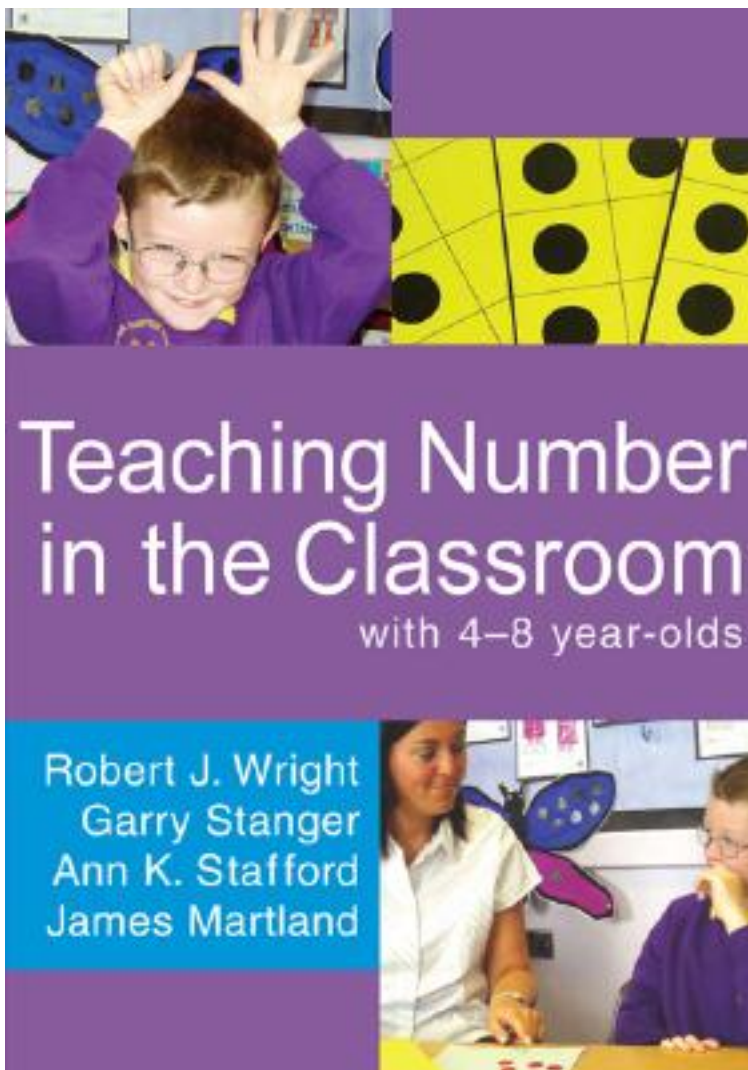
2nd Edition

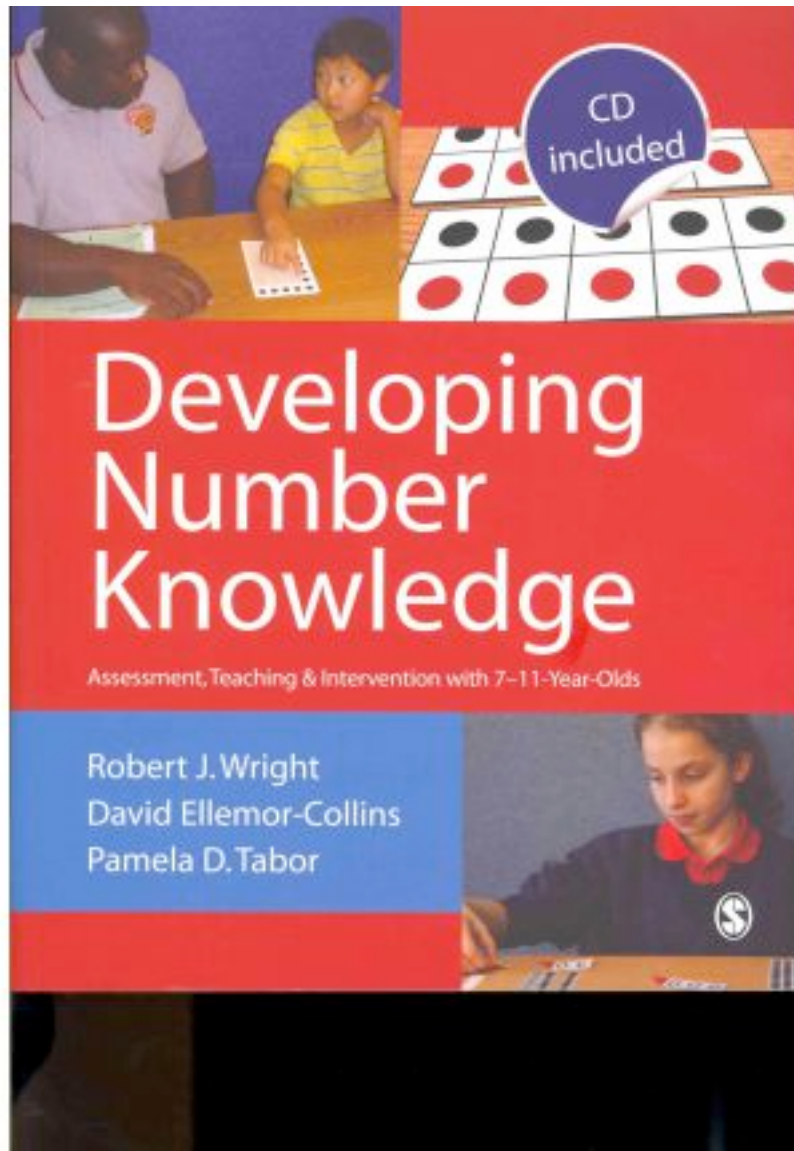
Teaching Number

Advancing children's skills and strategies

Robert J. Wright
Jim Martland
Ann K. Stafford
Garry Stanger







Skills

- Numeral Recognition/Identification





6



16




617.89



7

6

8



60

16

61



617.89

6178.9



Skills

- **Number Word Sequences**
 - Forward
 - Backward

Skills

- Number Word After
- Number Word Before



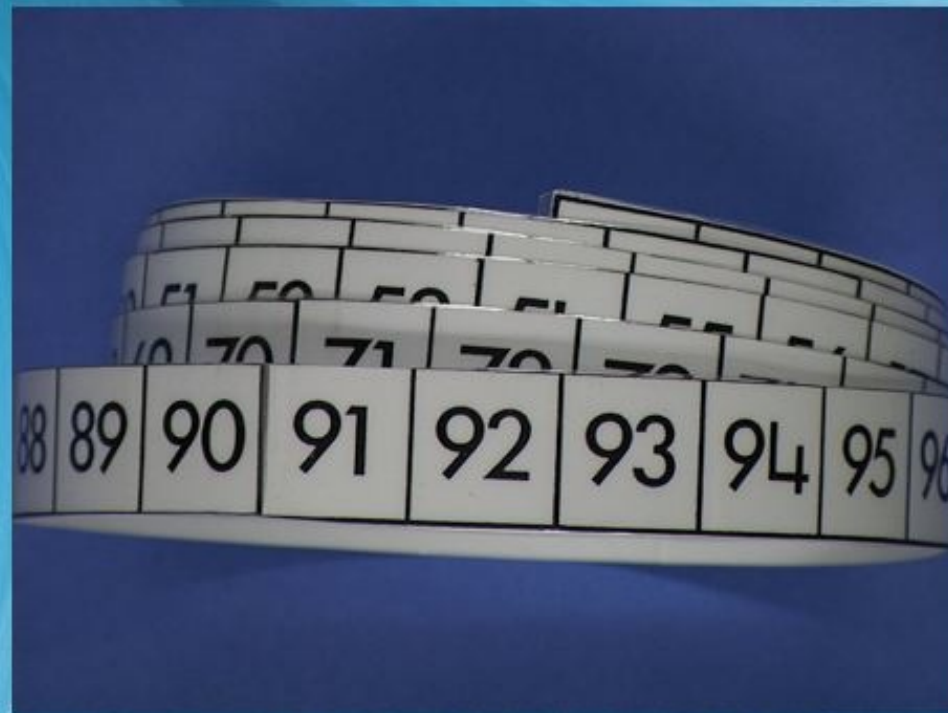


Skills

- Numeral Recognition/Identification
- Number Word Sequences
 - Forward
 - Backward
- Number Word After
- Number Word Before

Numeral Roll

Numeral Roll



Numeral Roll

Hundreds Board

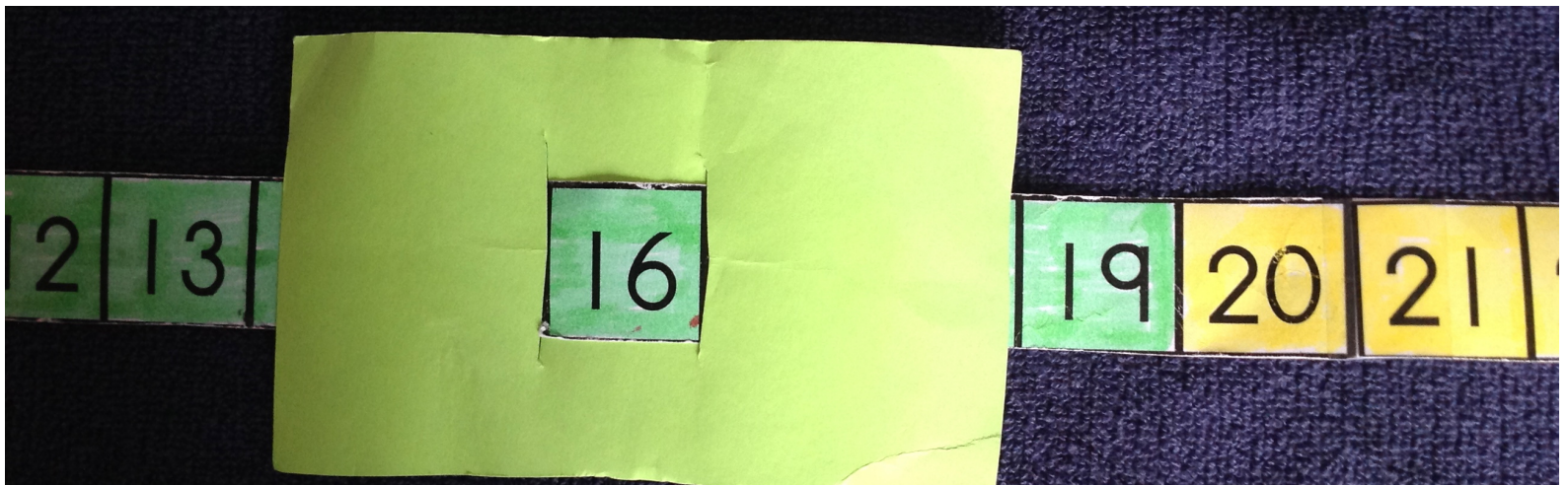
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11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Graphics/Customs/Math/Hundreds Board.html
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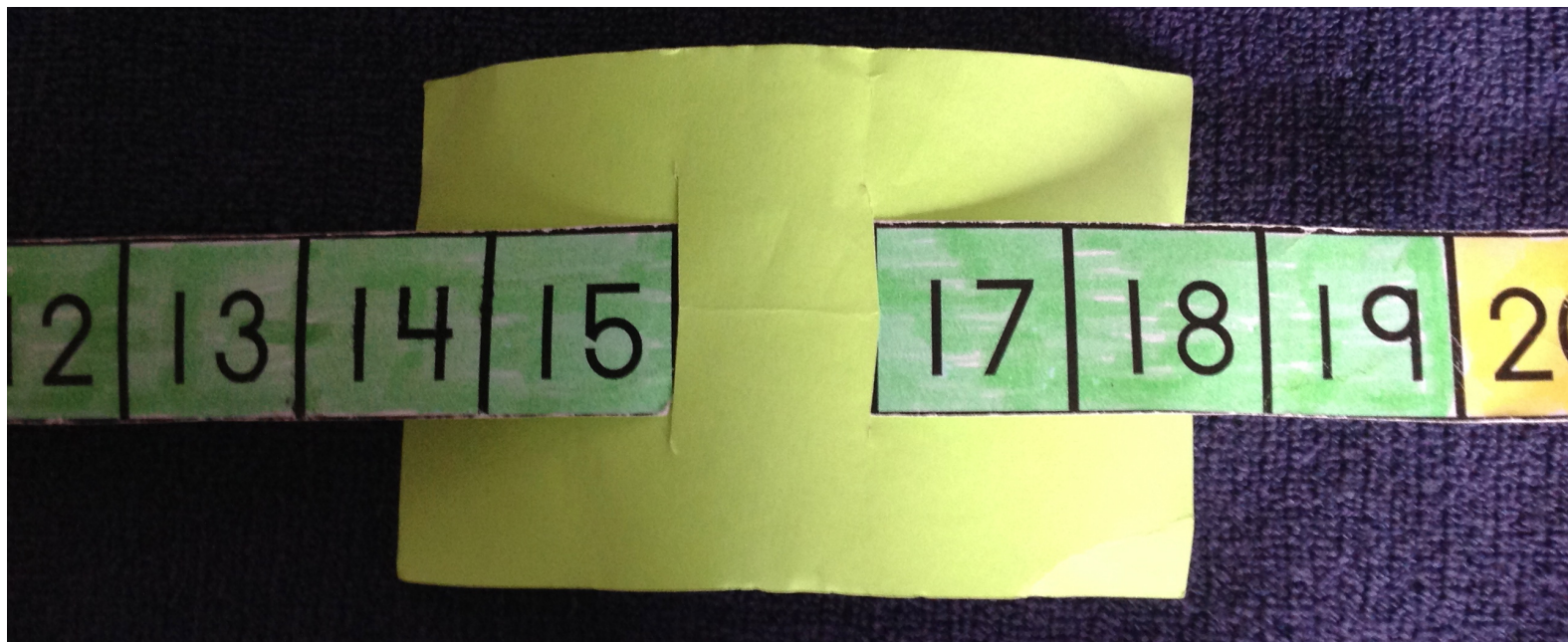
Numeral Roll



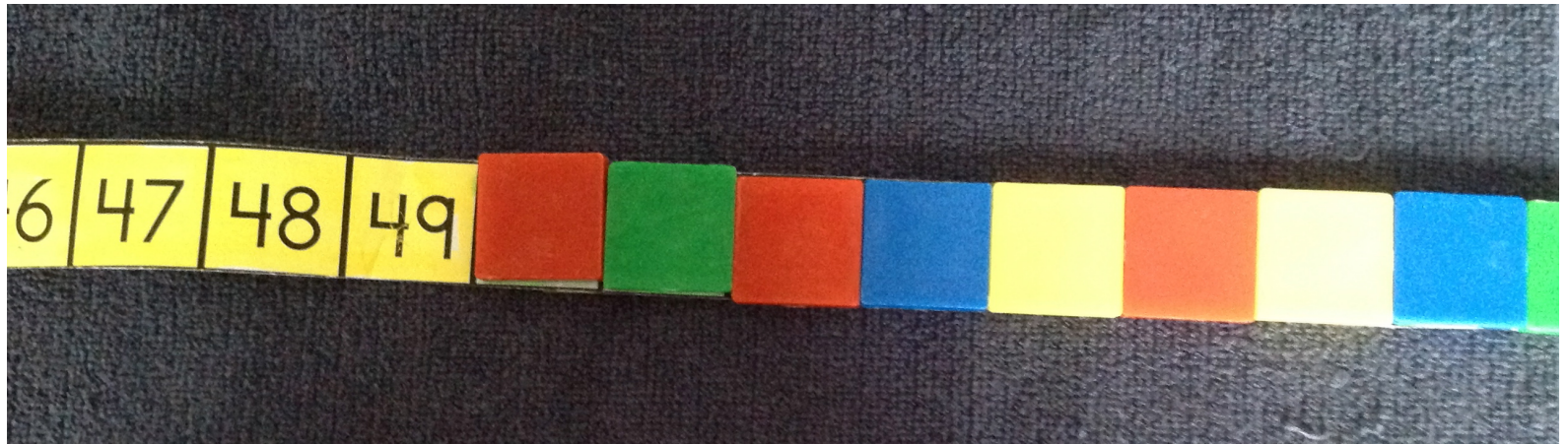
Numeral Roll



Numeral Roll



Numeral Roll



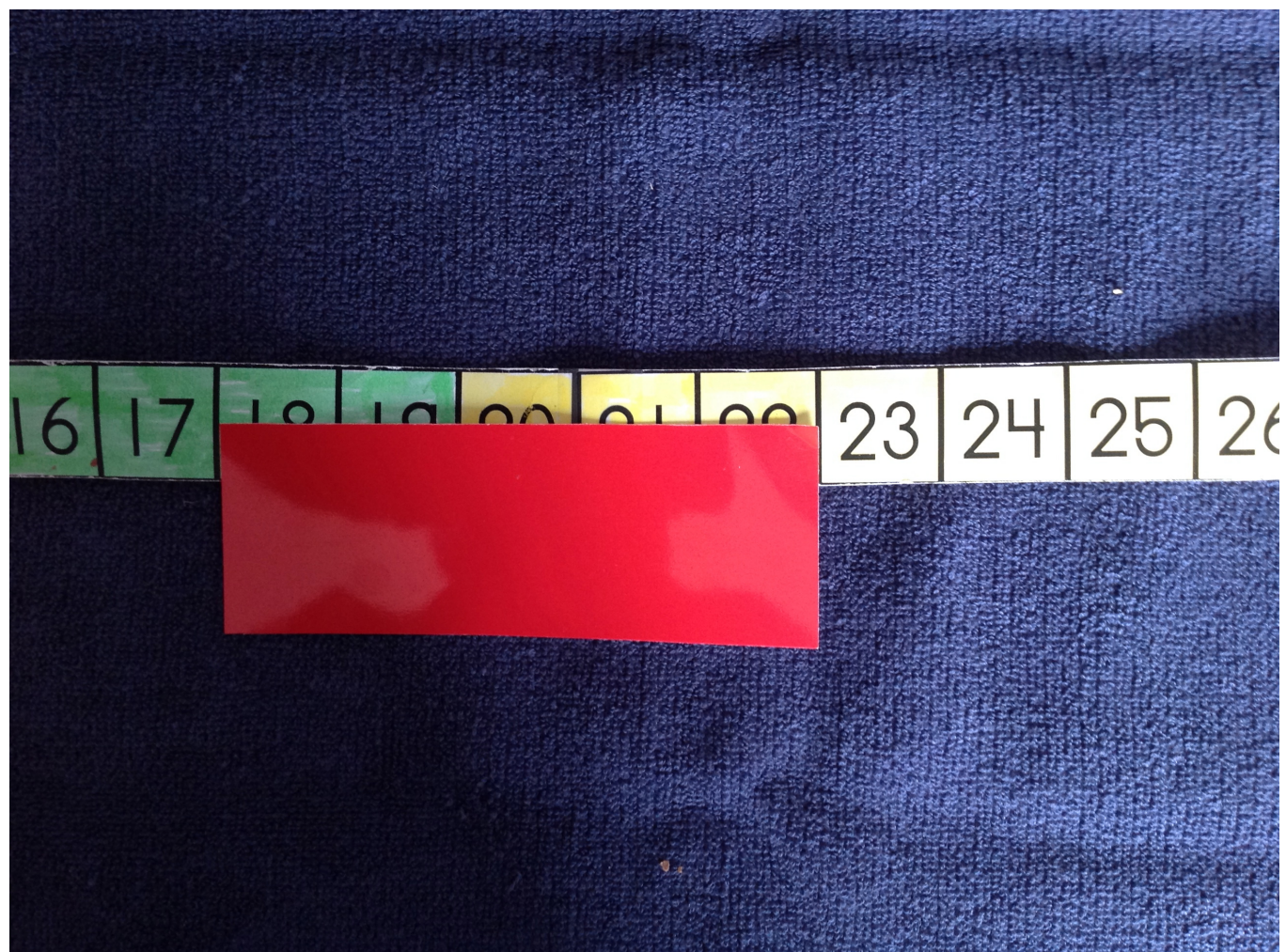
Numeral Roll



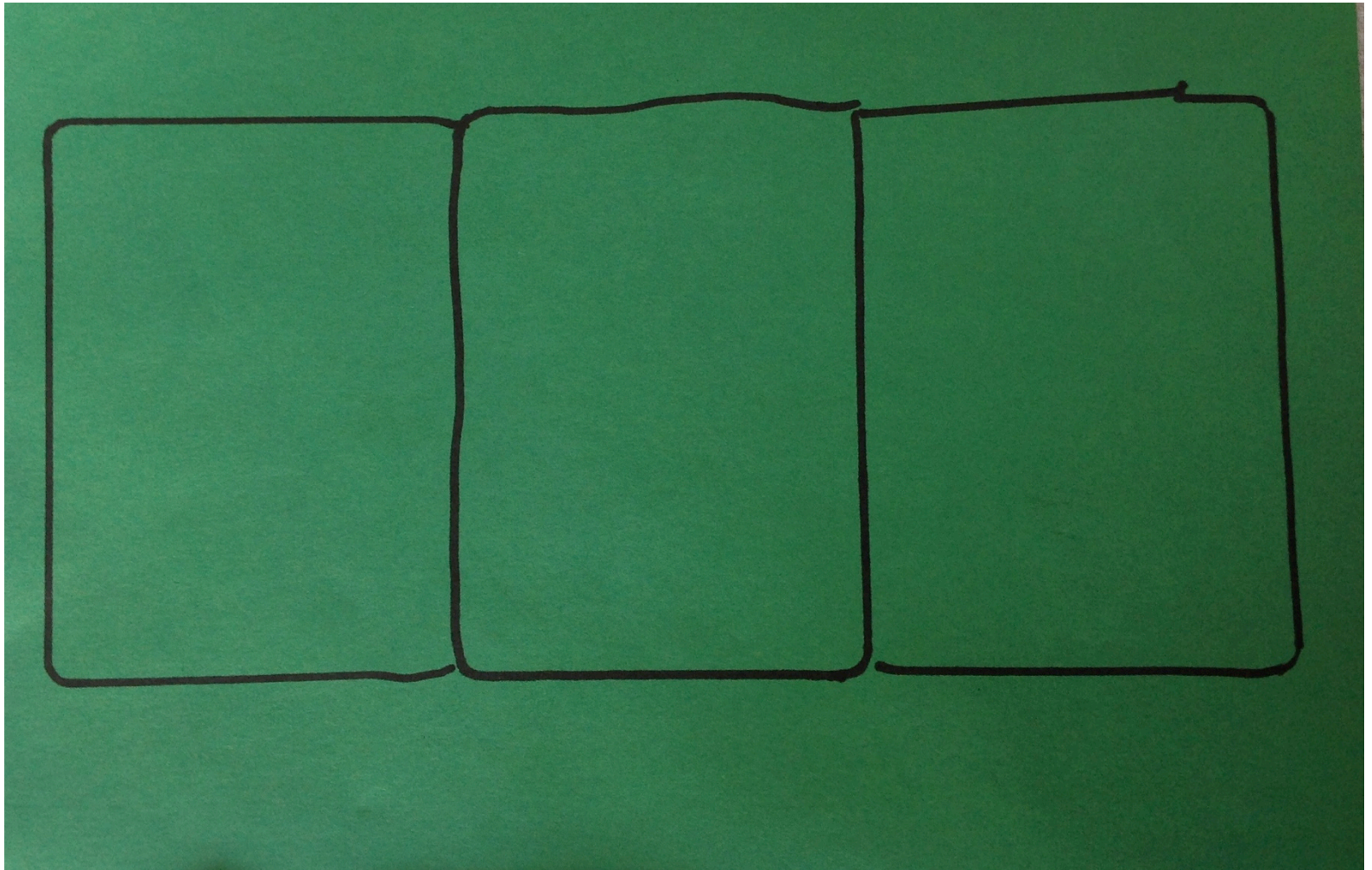
Numeral Roll



Numeral Roll



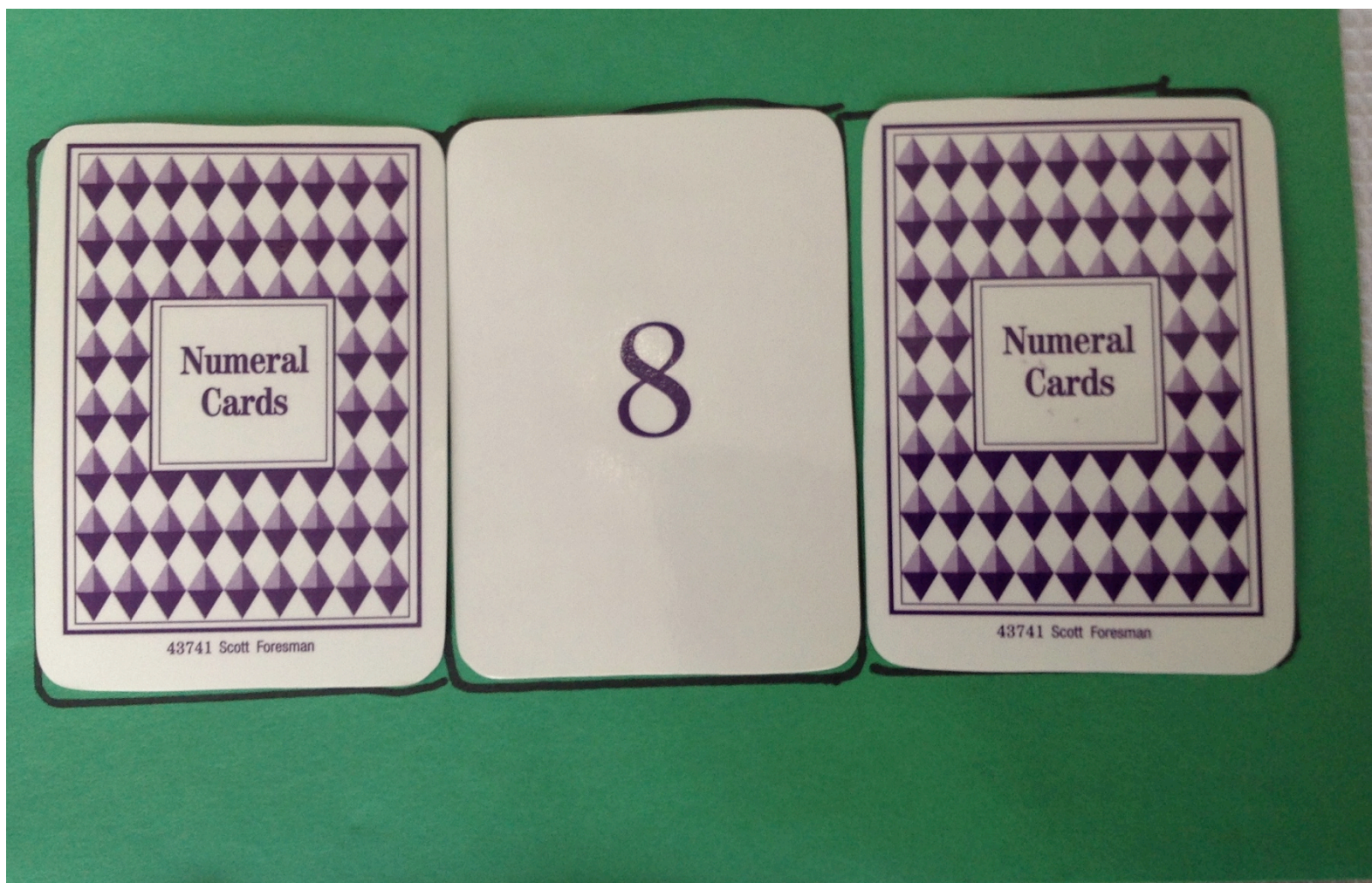
Trio Card



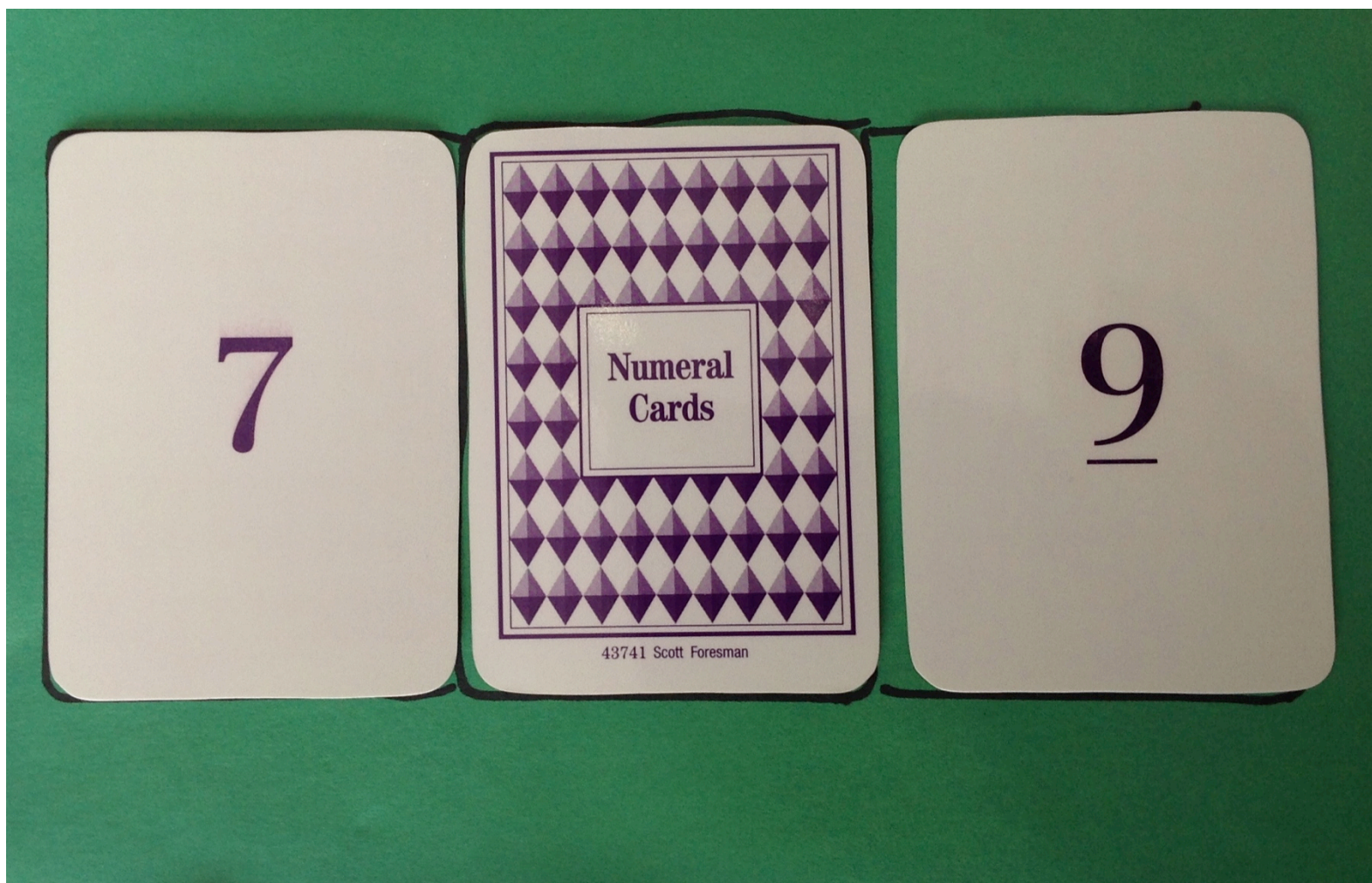
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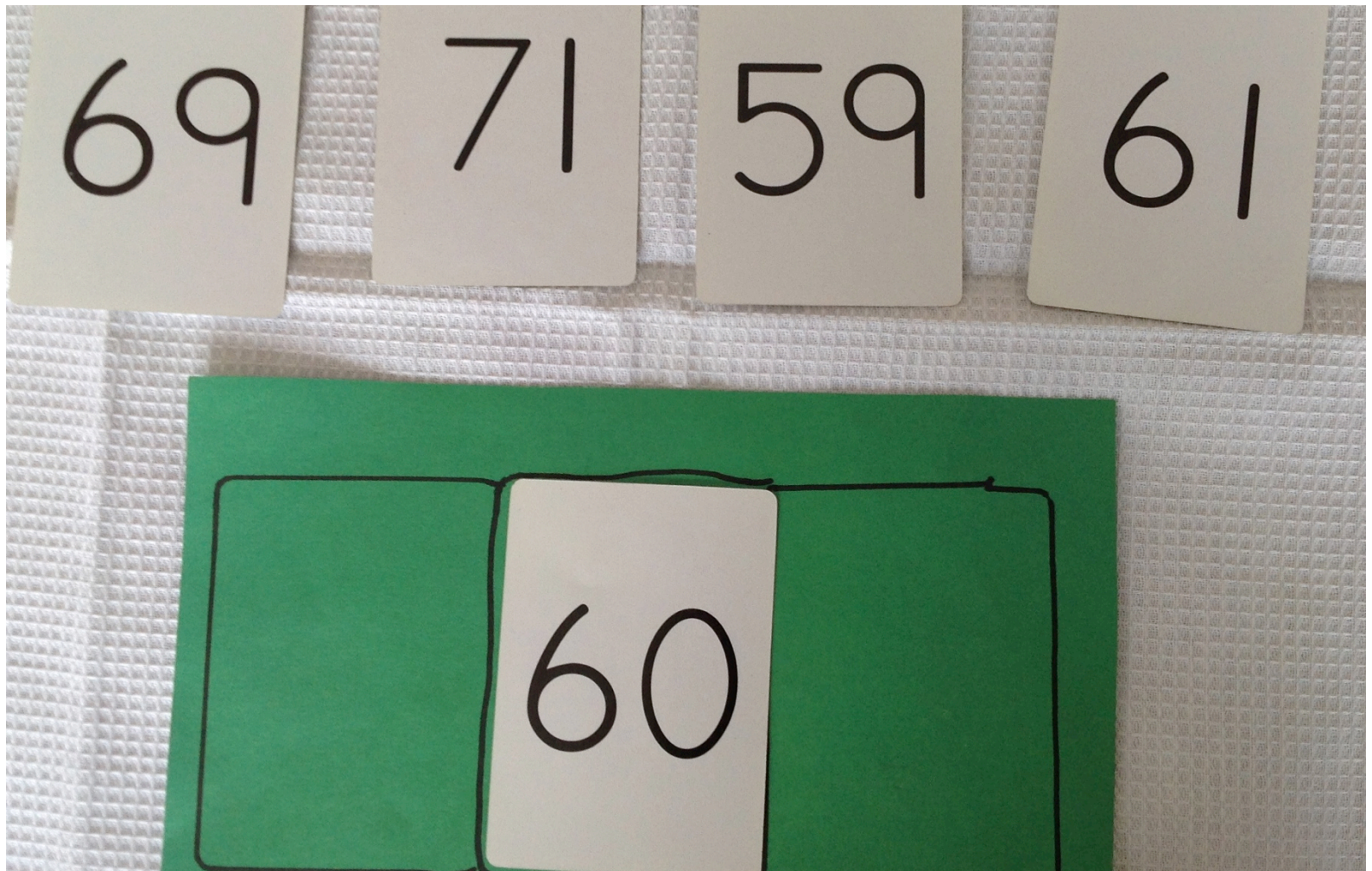
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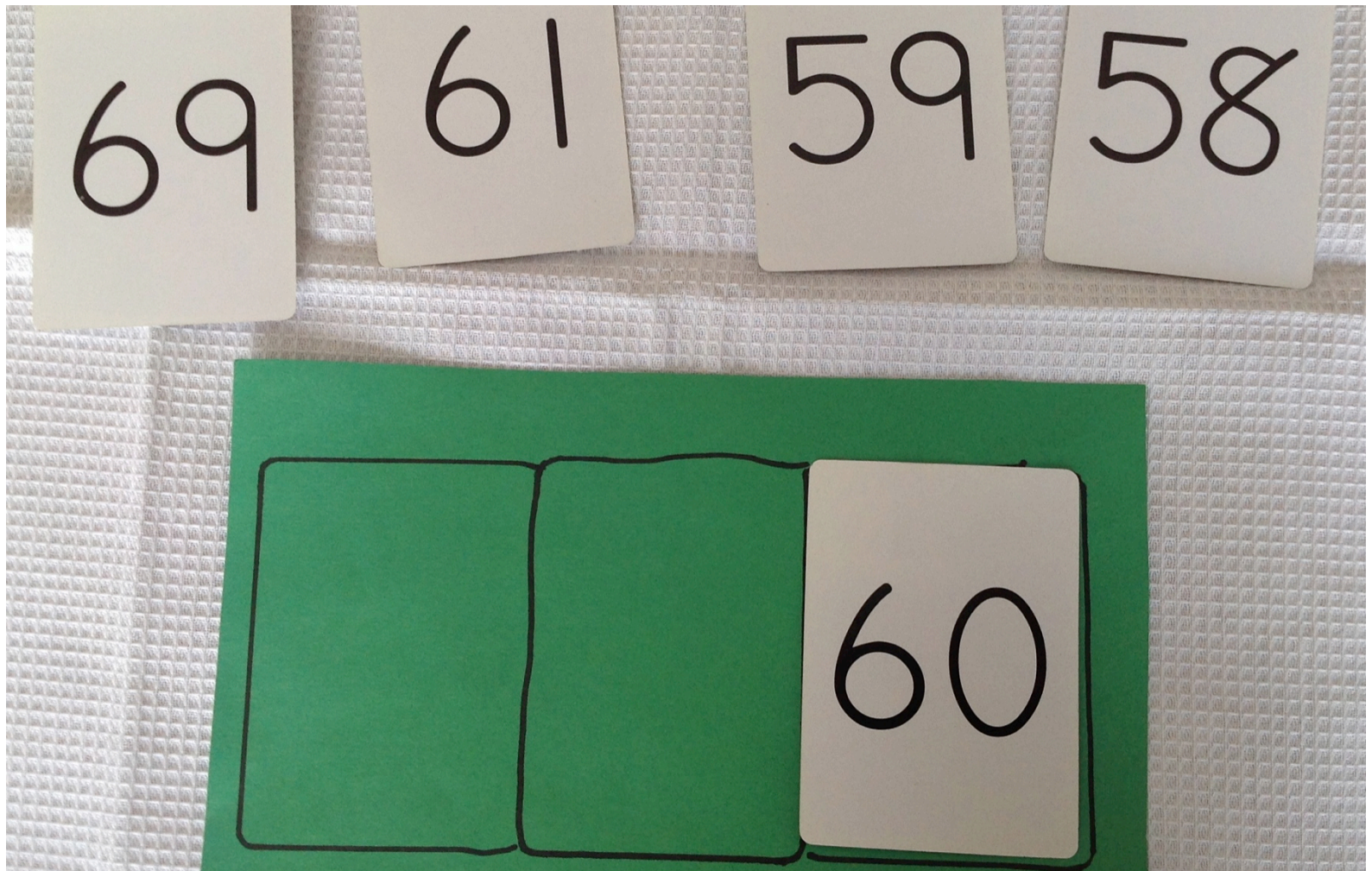
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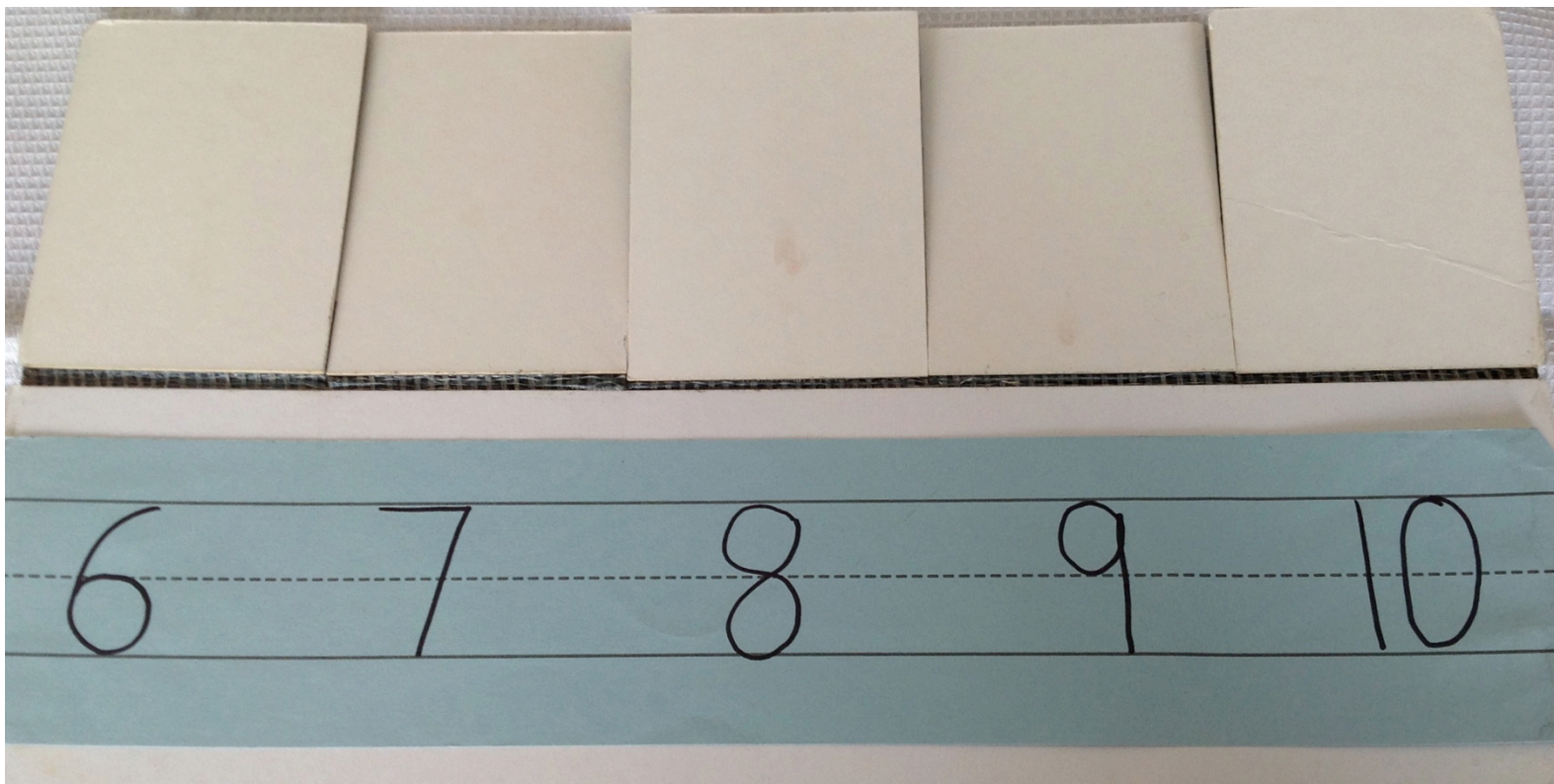
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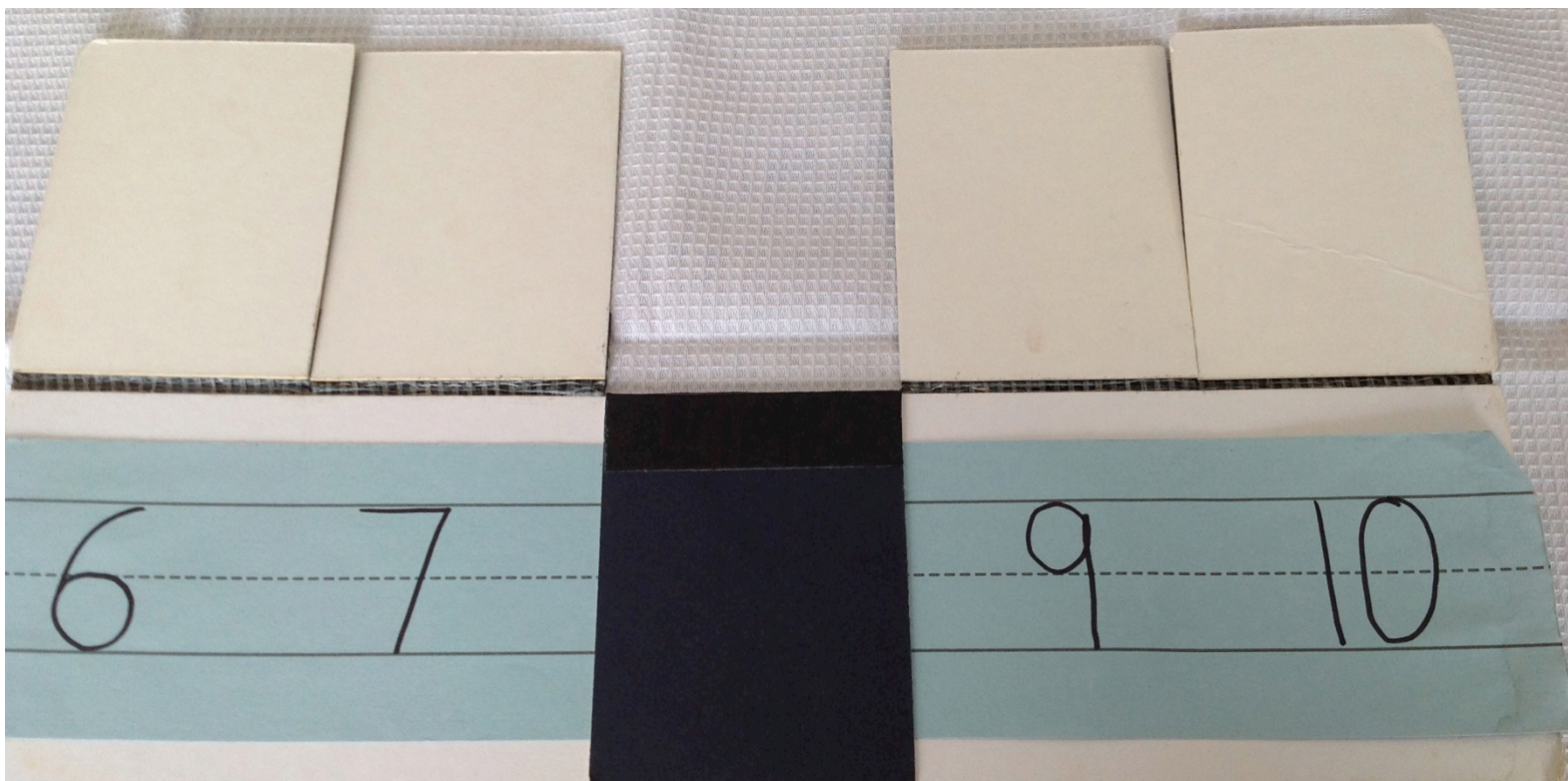
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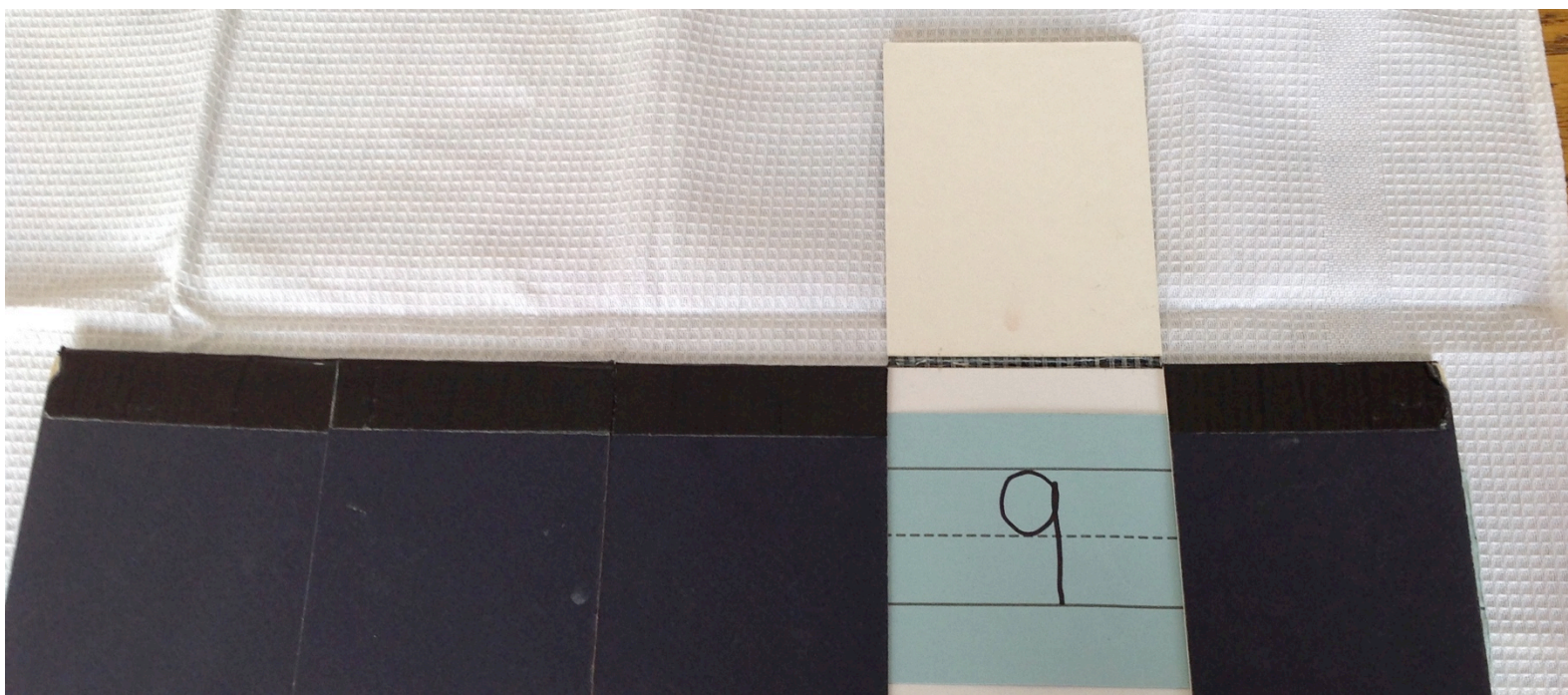
Numeral Track



Numeral Track



Numeral Track



Place Value/Arrow Cards



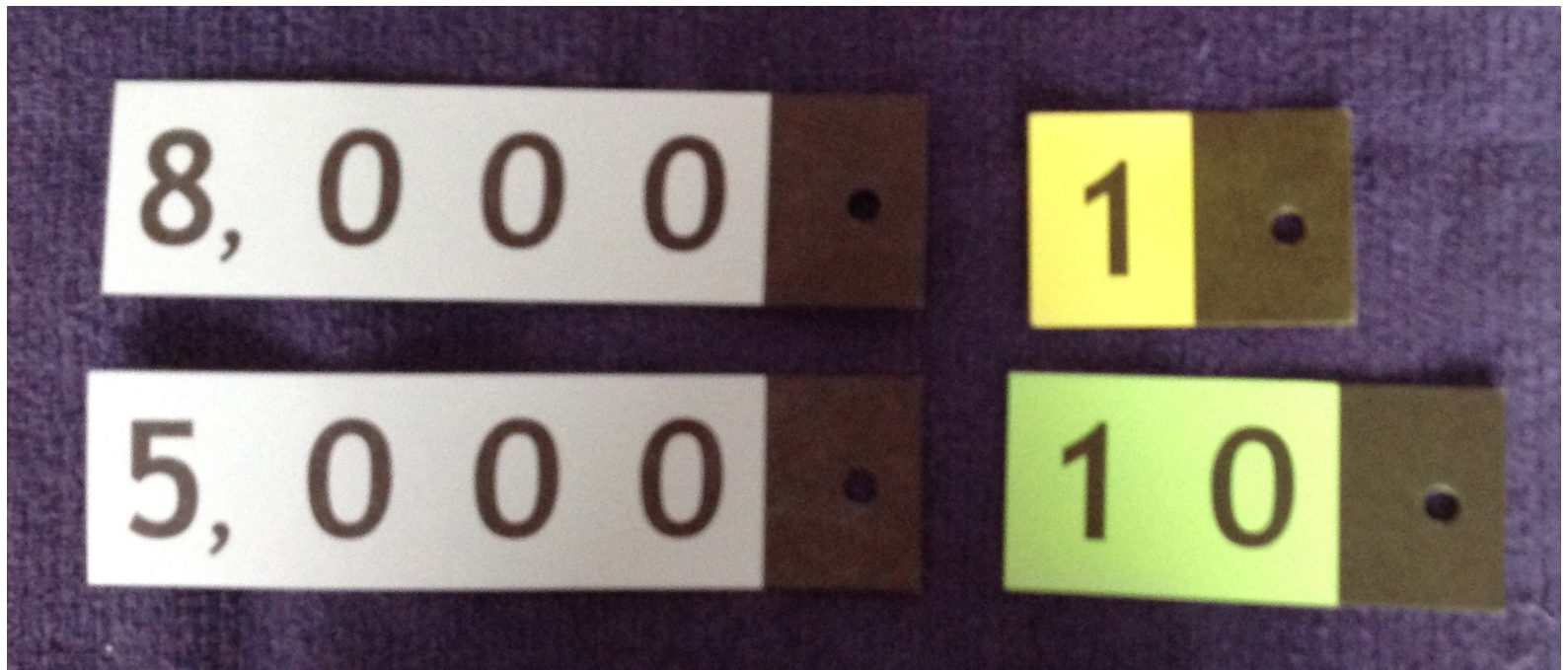
Place Value Arrow Cards



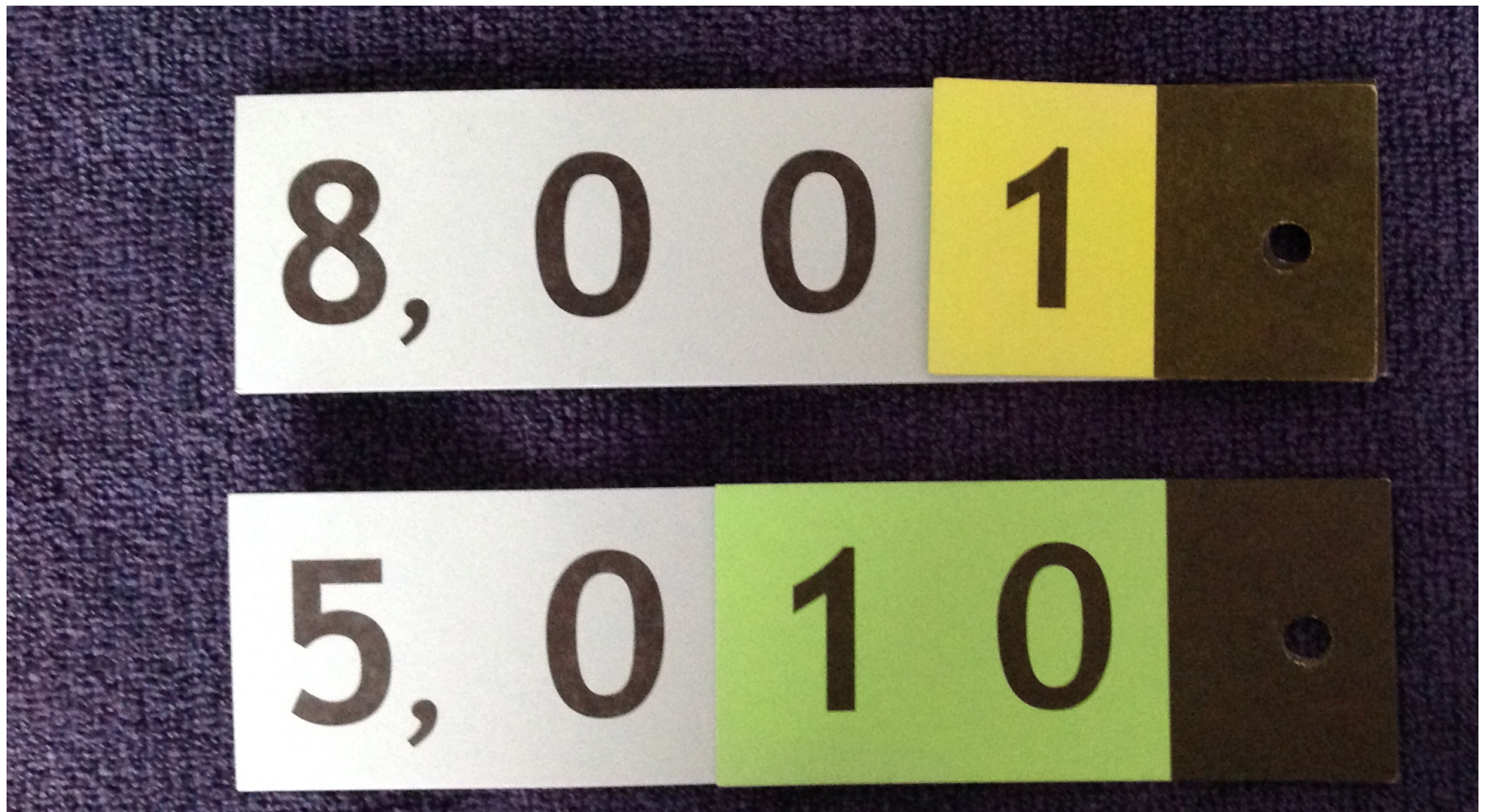
Place Value/Arrow Cards



Place Value/Arrow Cards



Place Value/Arrow Cards

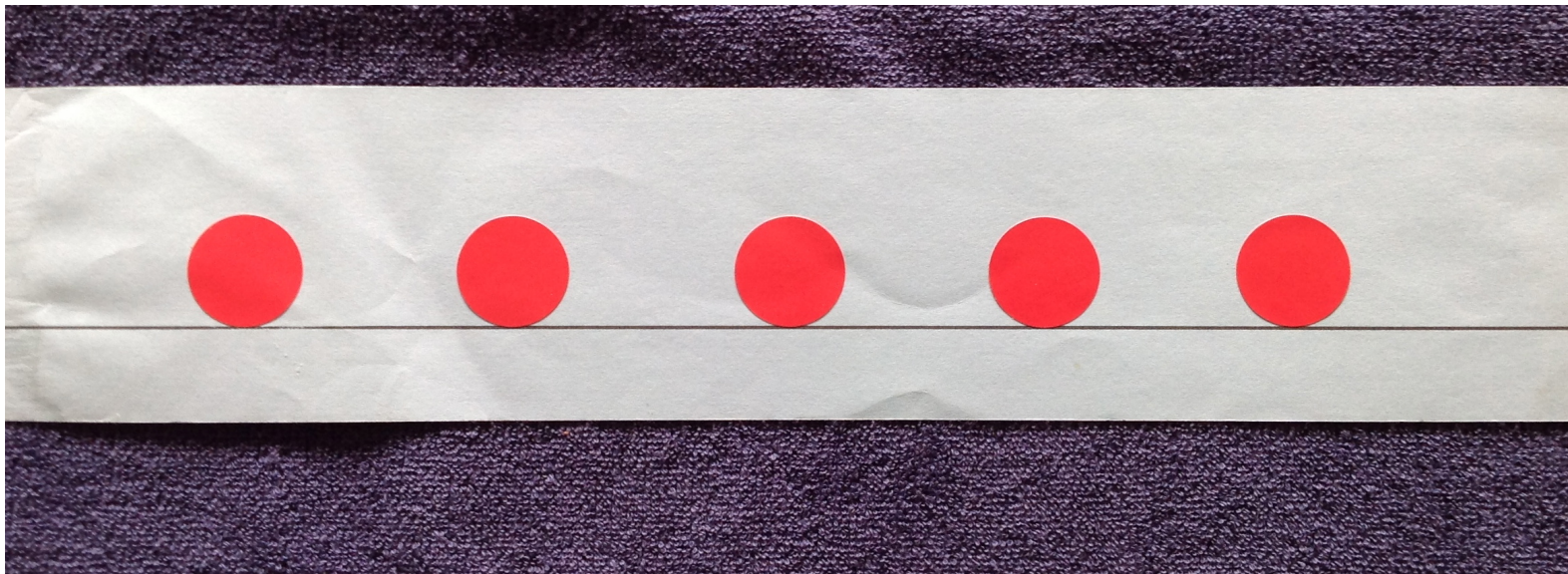


Understanding

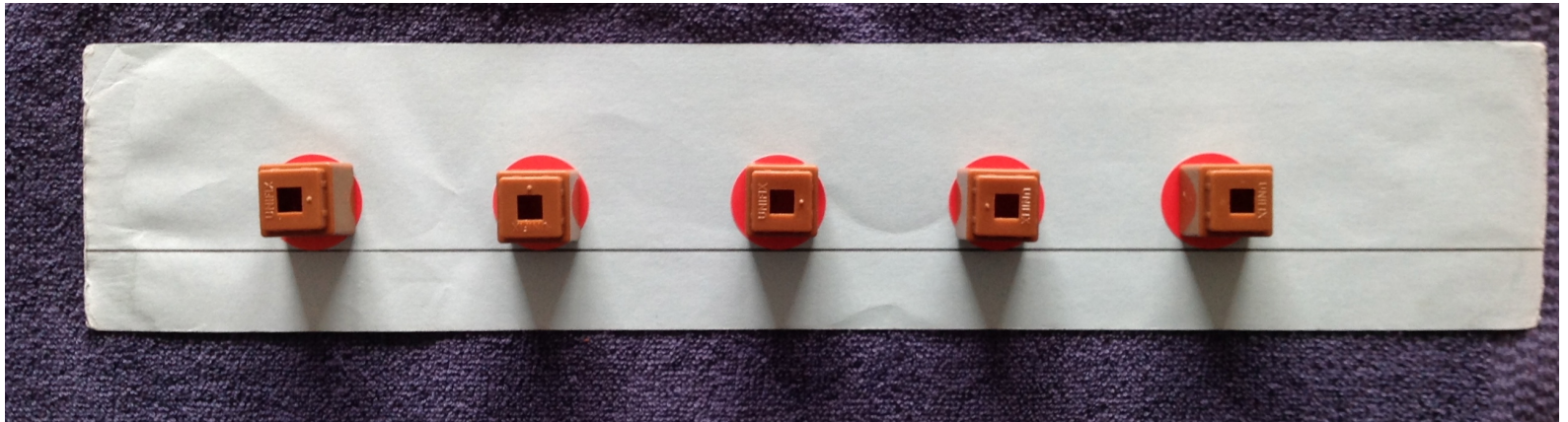
- Counting objects to determine how many



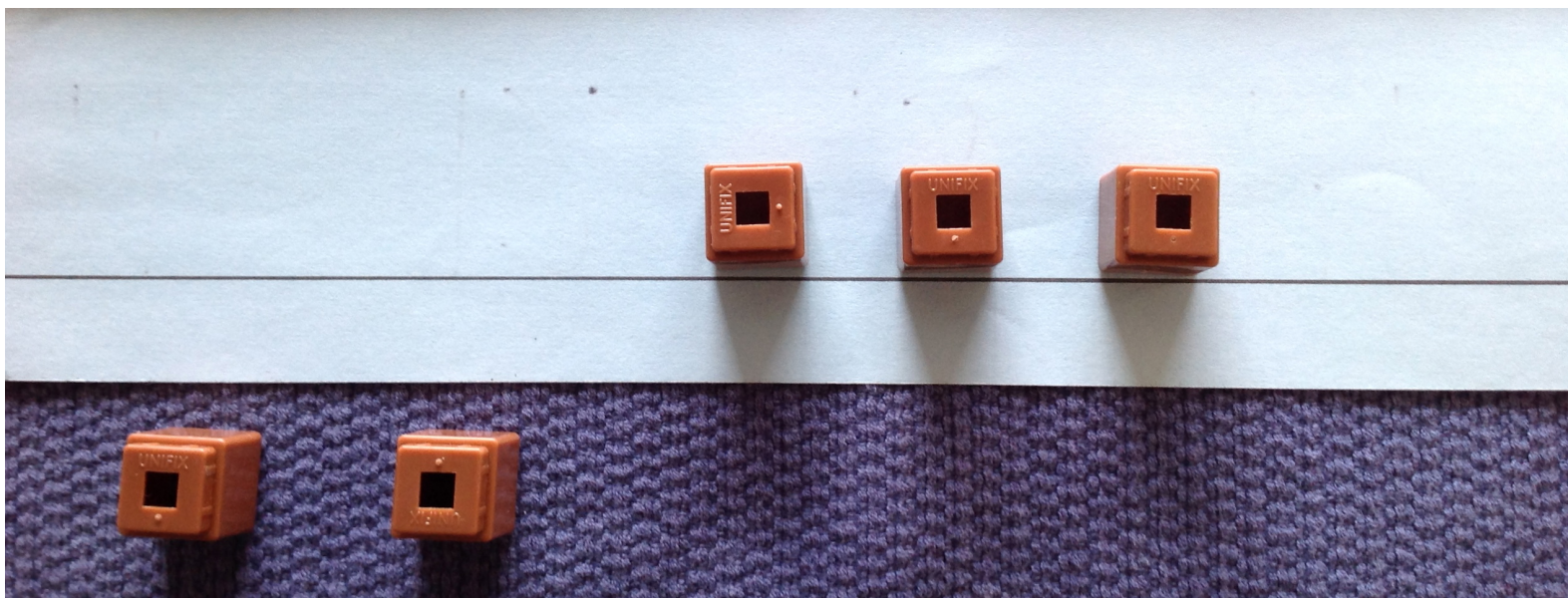
Counting



Counting

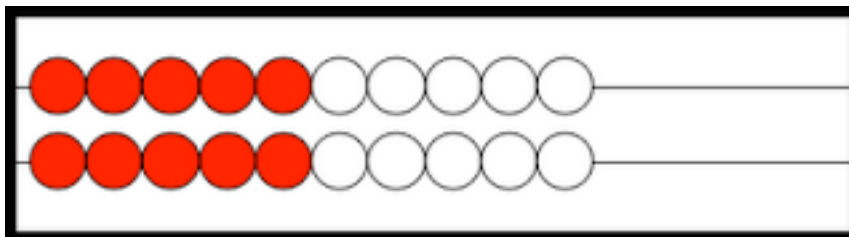
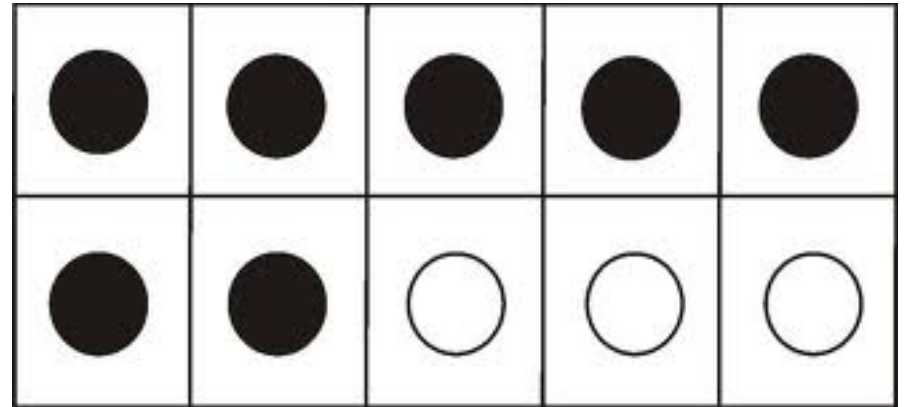


Counting

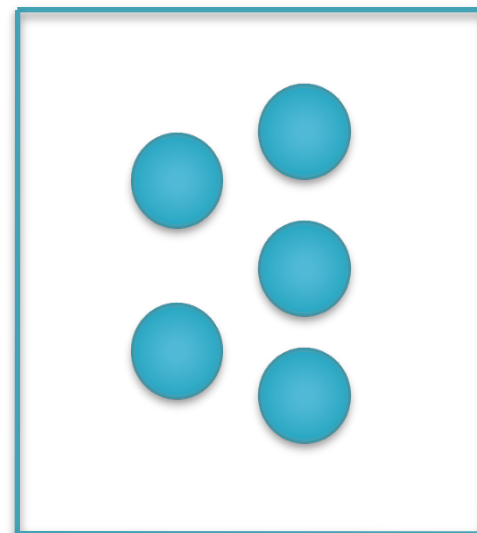
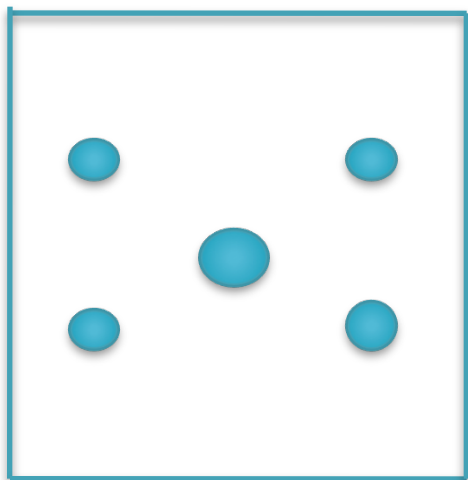


Skills

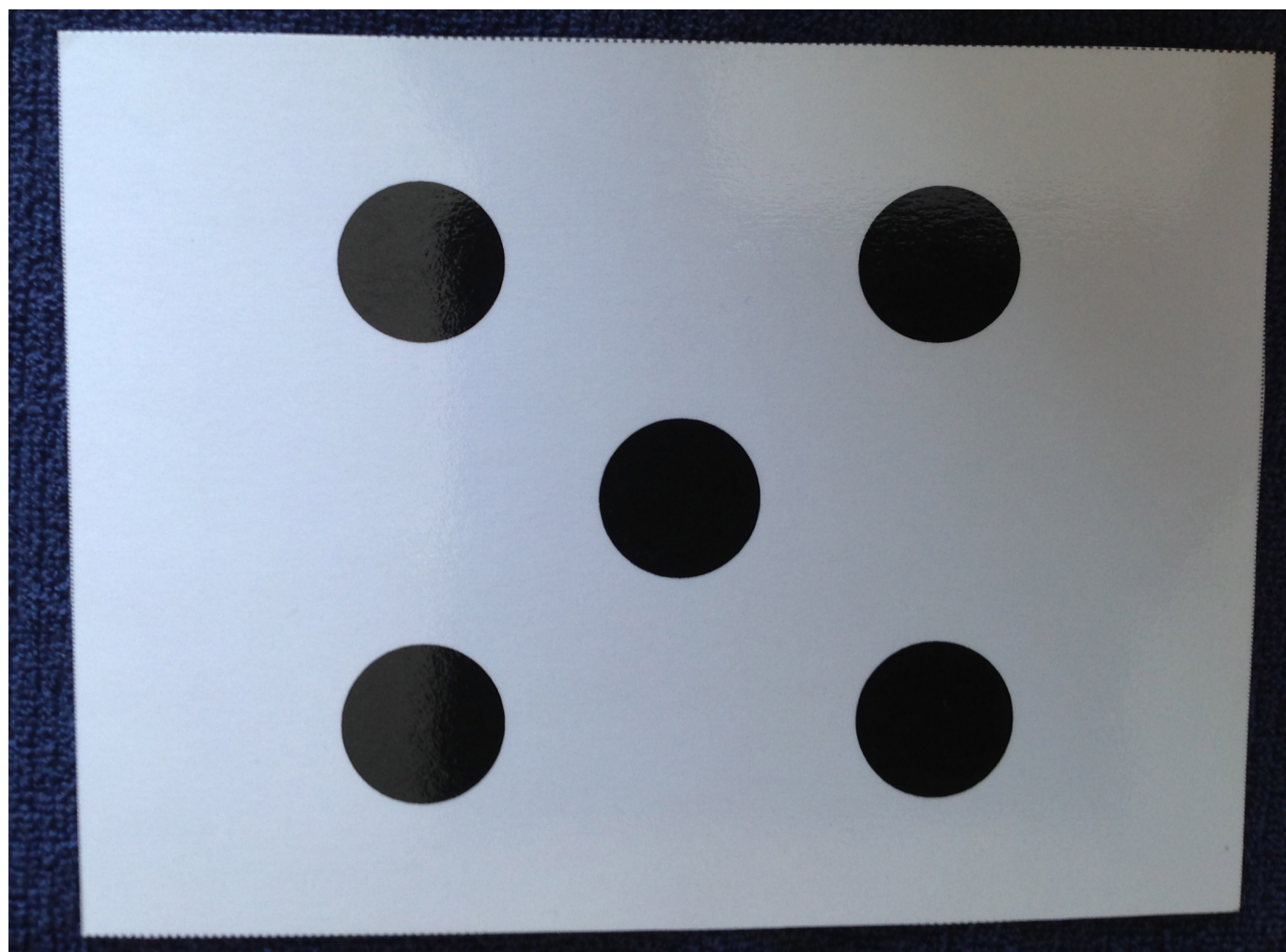
- Structuring



Dot Pattern Cards



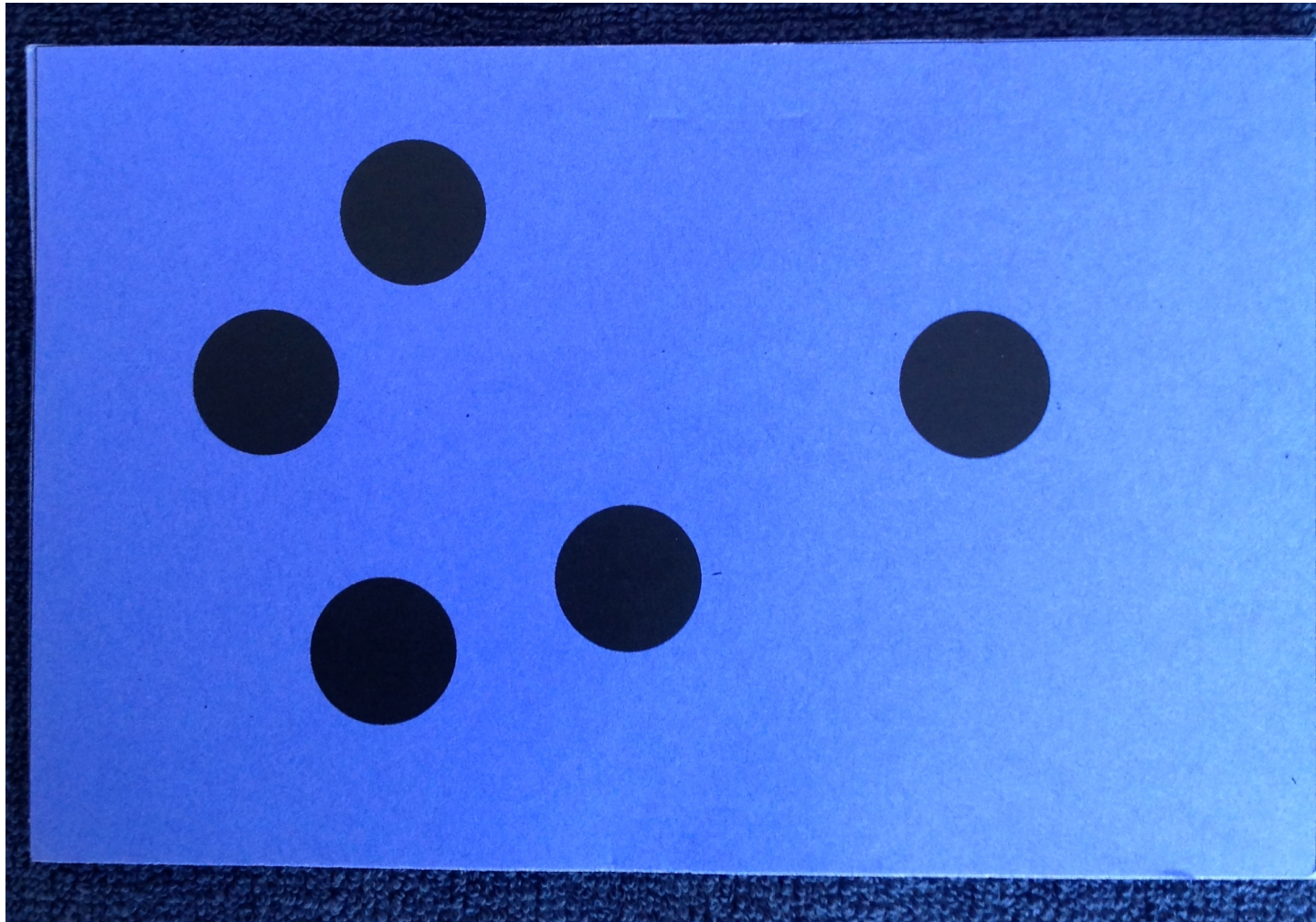
Regular Dot Patterns

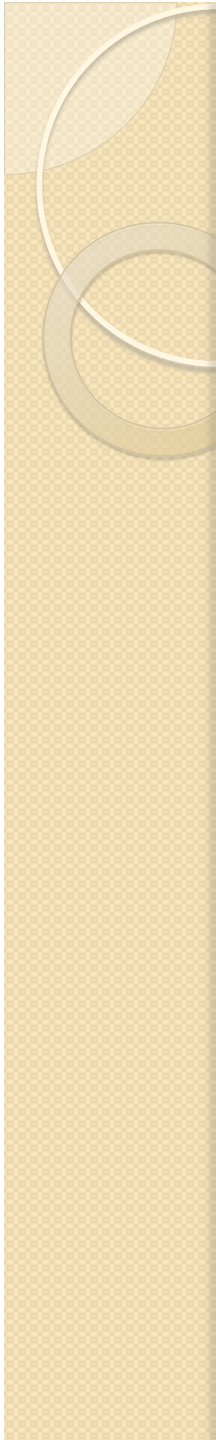


Regular Dot Patterns

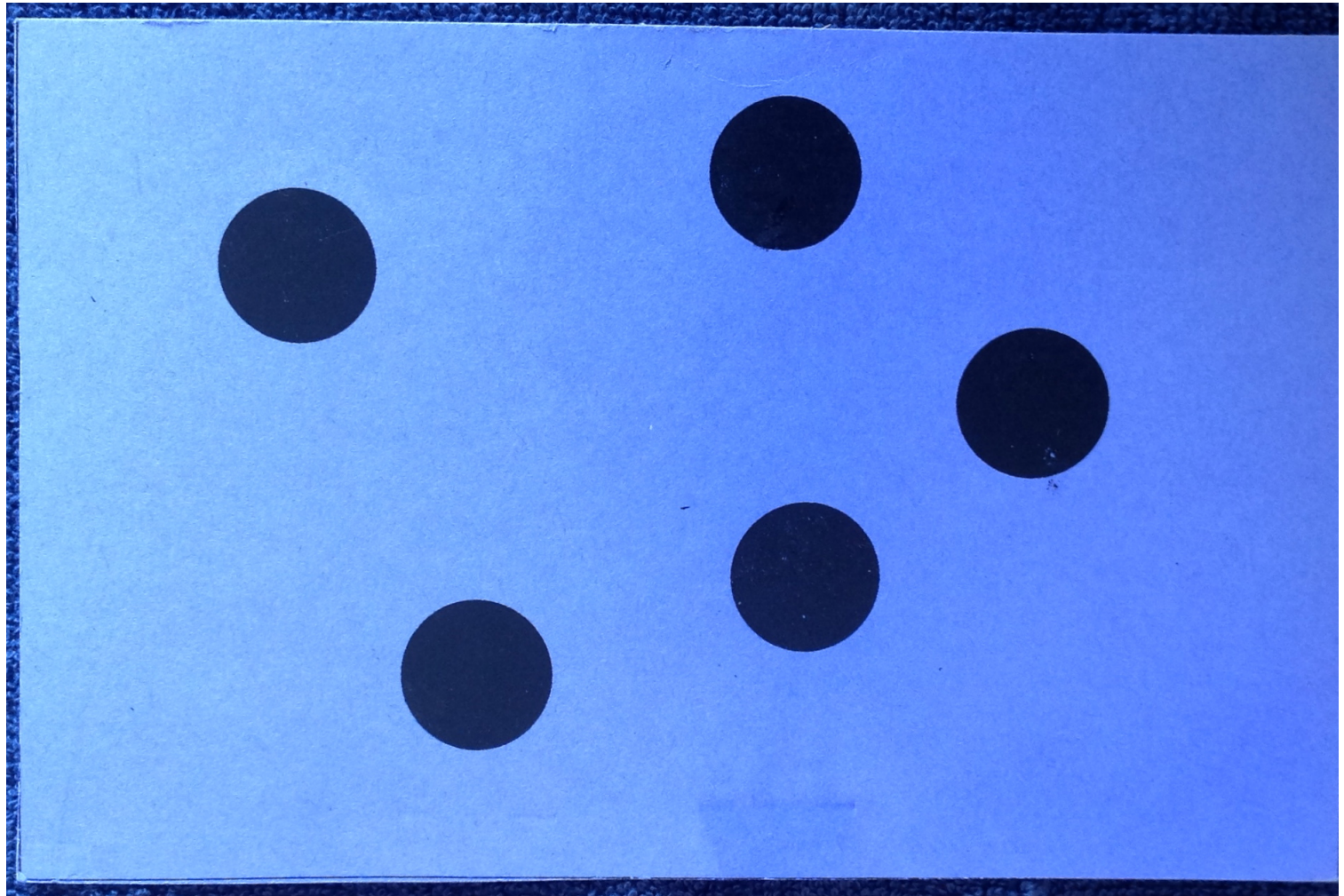


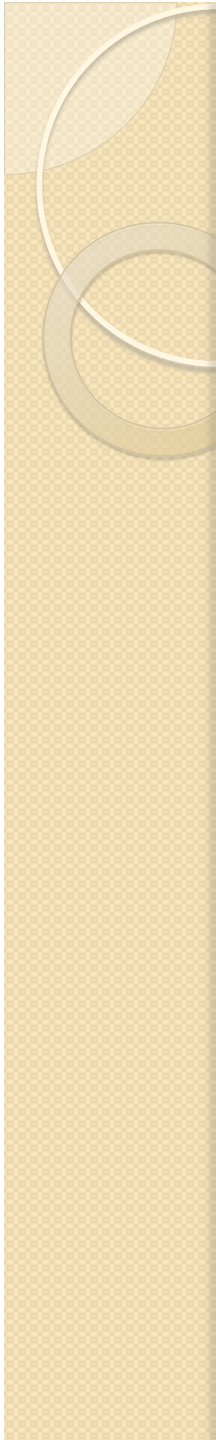
Irregular Dot Patterns



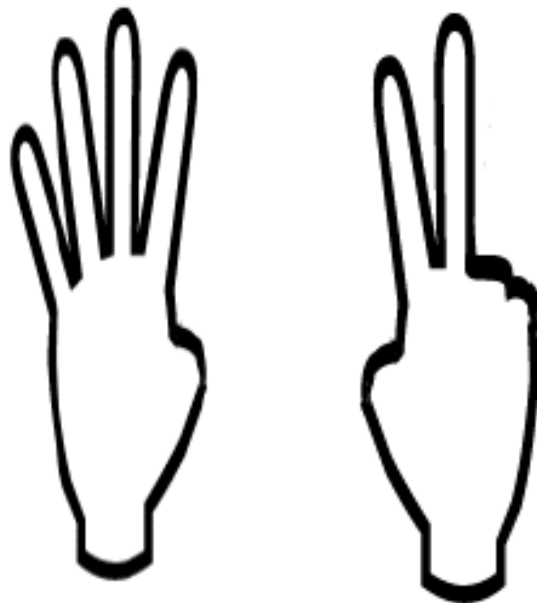


Irregular Dot Patterns






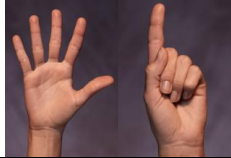
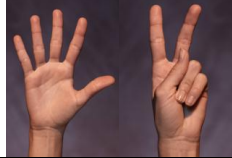
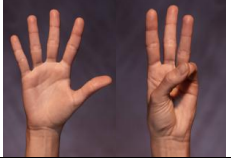






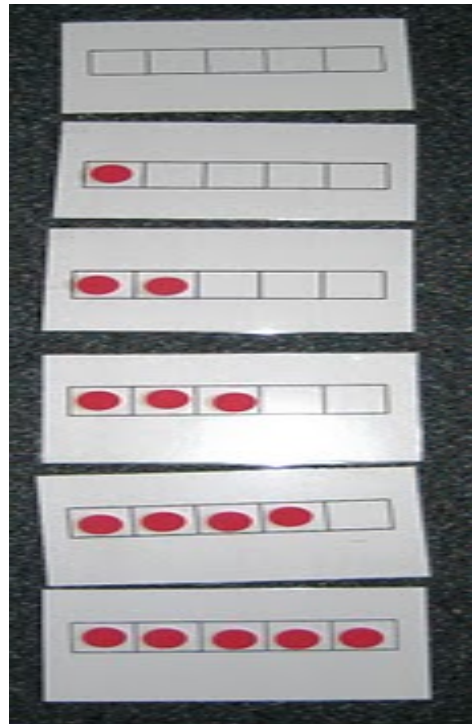
Fingers



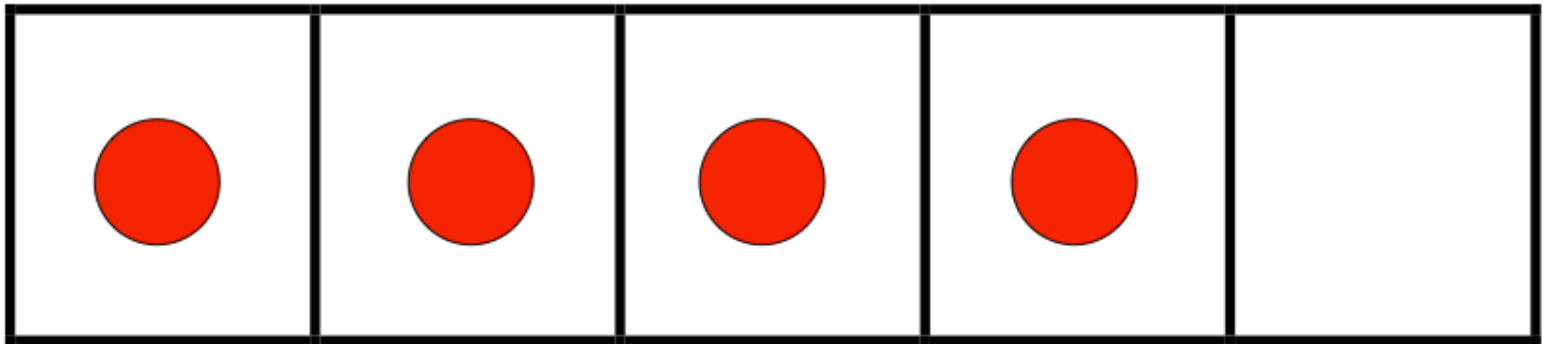
Fingers

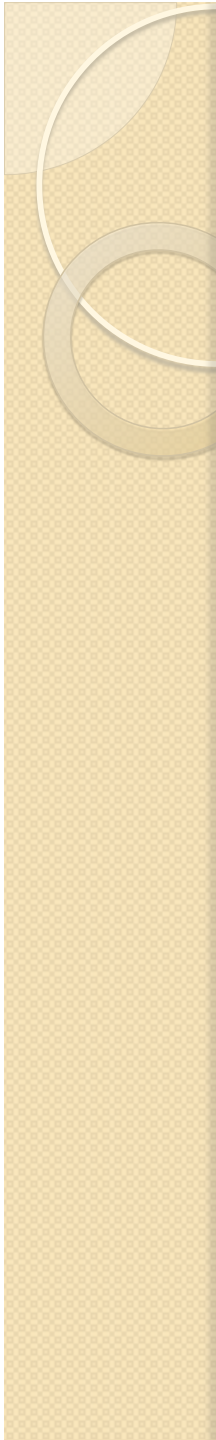
				
1	2	3	4	5
				
6	7	8	9	10

Five Frames

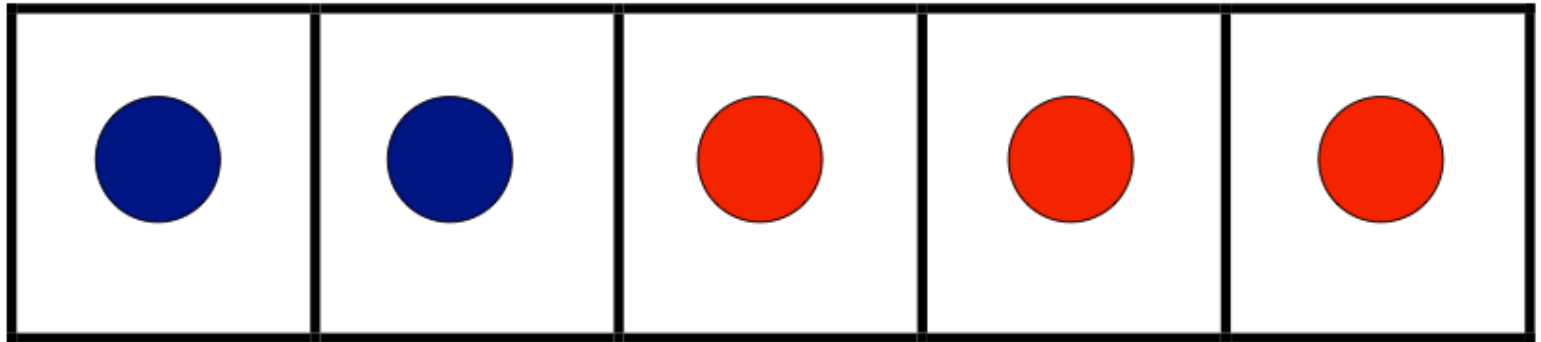


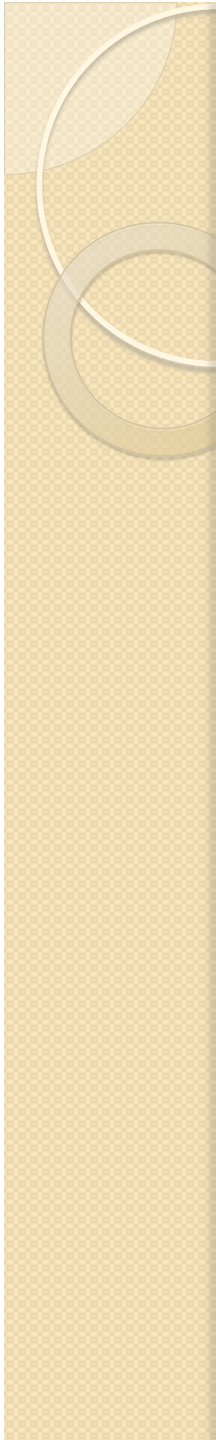
5-Frames and Fingers



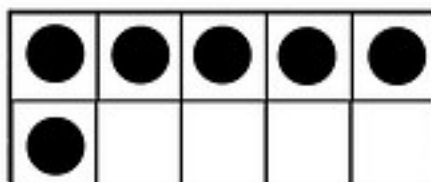
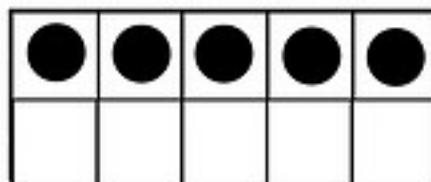
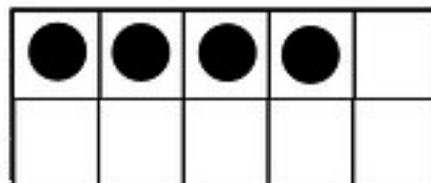


5-Frames and Fingers

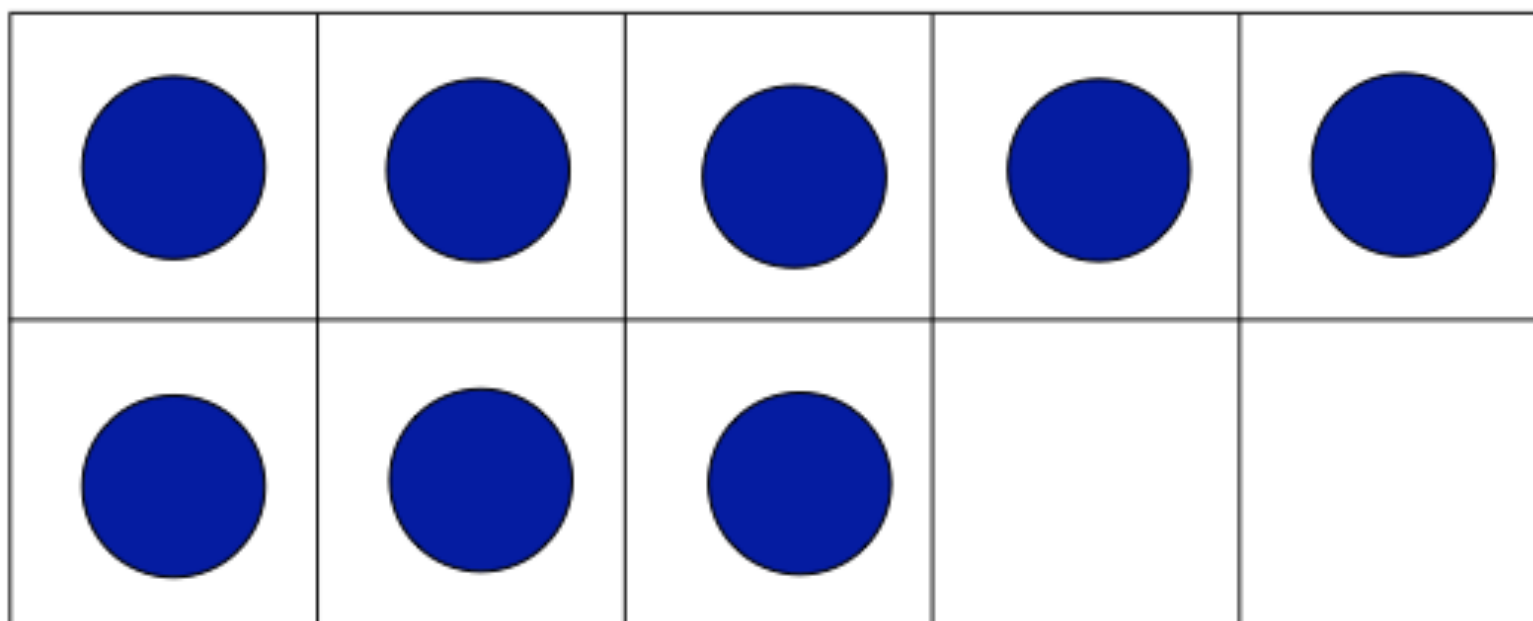


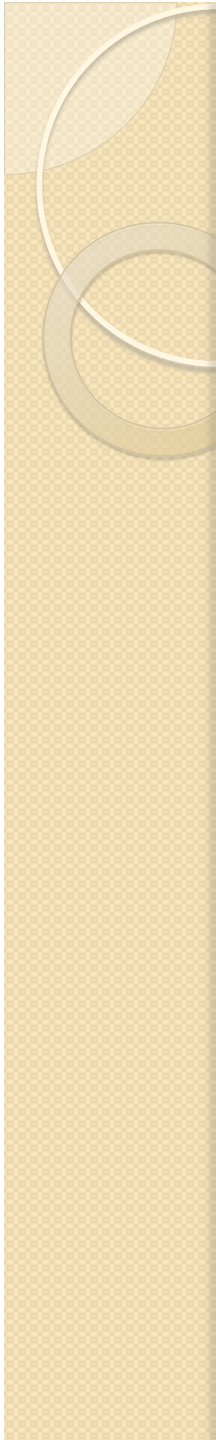


Ten Frames



10-Frames



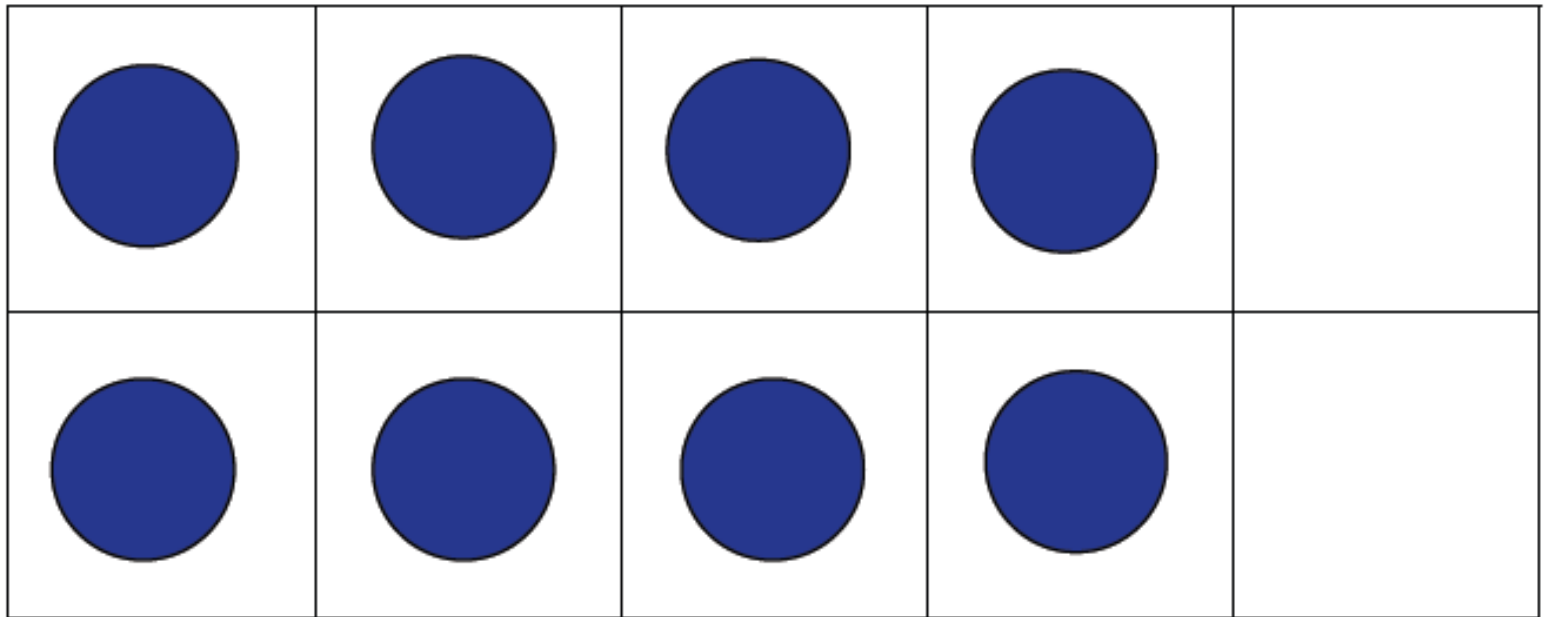


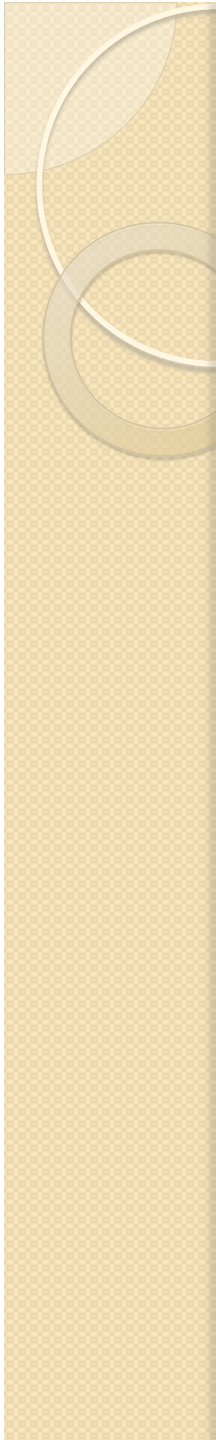


10-Frames

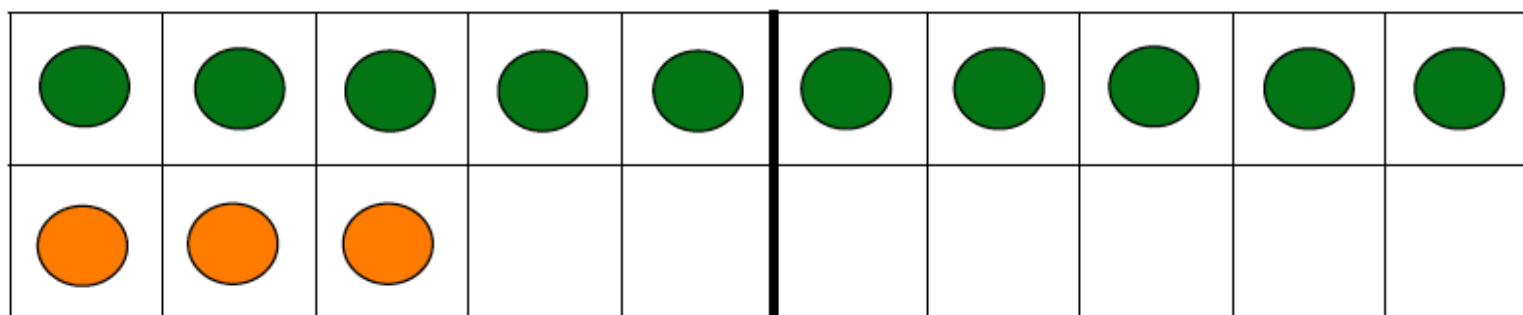
- $5+3 = ?$
- $8+? = 10$
- $10-? = 8$
- $10-2=?$

Pairwise Ten-Frame

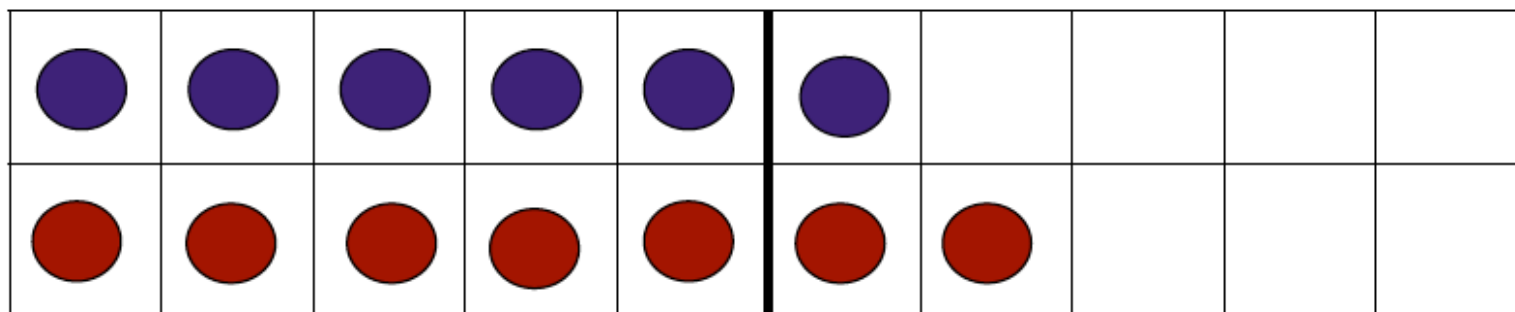




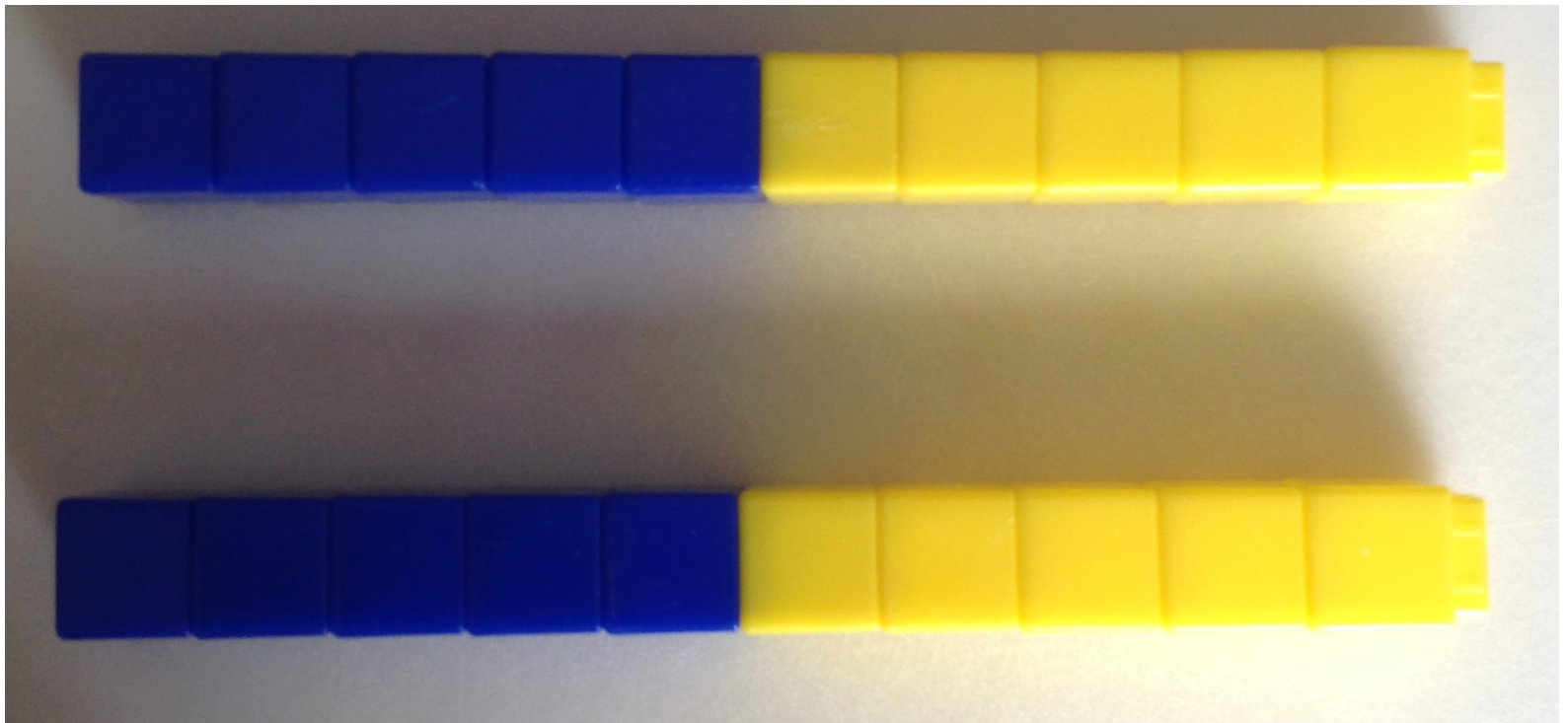
20-Frames



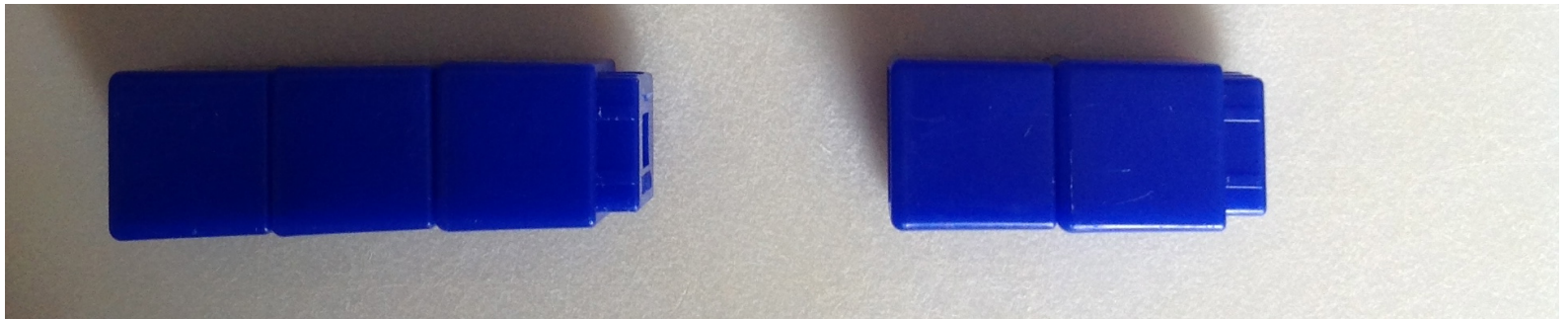
20-Frames



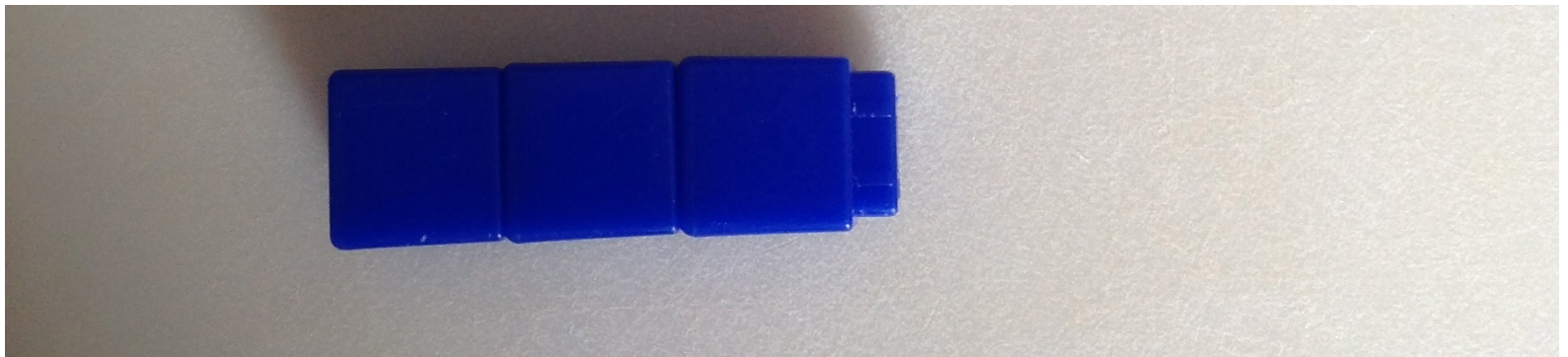
Unifix Cubes



Unifix Cubes



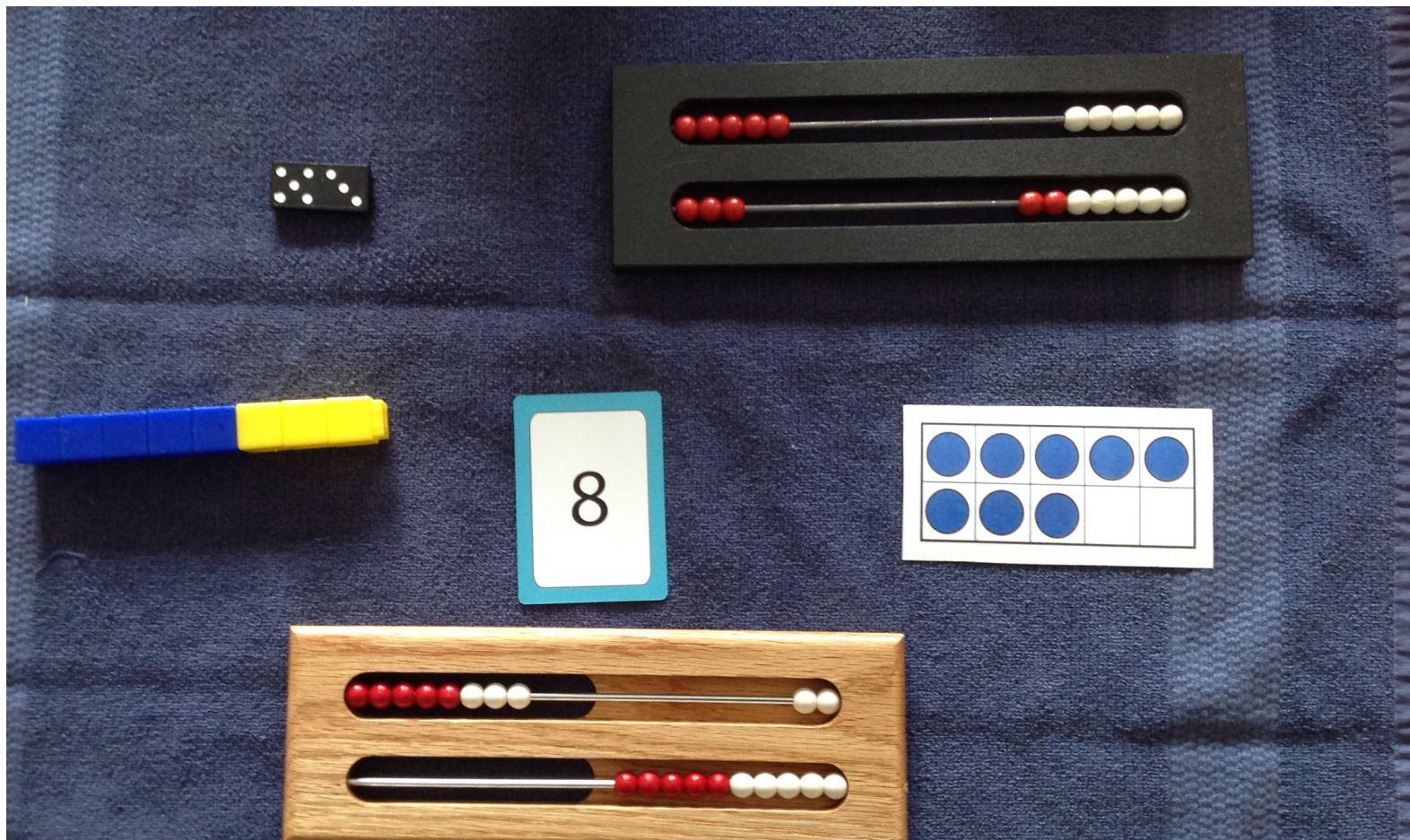
Unifix Cubes



Unifix Cubes



Tools for Structuring



Popsicle Sticks



Popsicle Sticks



Popsicle Sticks





Reflection

- What tool have you discovered or rediscovered?
- What will you do differently?
- What will you share with colleagues?