

Tubbing Sheet

Page #'s					
Activity Description	Materials needed:	Materials needed:	Materials needed:	Materials needed:	Materials needed:
*Recording Description	Additional materials needed:	Additional materials needed:	Additional materials needed:	Additional materials needed:	Additional materials needed:

* Recording materials are placed in the tubbing stations only after the children have had sufficient time to work at the concrete (concept) level with the manipulatives. Depending on the class's experience and the material in the tubbing station, the time allowed may span from several weeks to several months. Recording should be introduced as an optional activity.

STUDENT COMPOSITE RECORD

Child's Name: _____ Grade Level: _____ Age: _____ Teacher's Name: _____

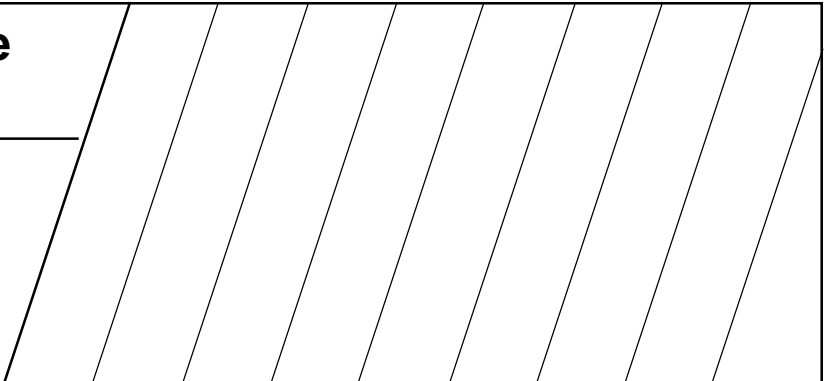
Assessment Dates: _____

<p>1. ROTE COUNTING</p> <p>By 1's: _____ By 5's: _____</p> <p>By 2's: _____ By 10's: _____</p>									
<p>2. 1:1 CORRESPONDENCE: 4 _____ 8 _____ 12 _____ All _____</p>									
<p>3. INSTANT RECOGNITION: 2 3 4 5</p>									
<p>4. CONSERVATION OF NUMBER: Yes: _____ No: _____</p>									
<p>5. COUNTING BACKWARDS: ...7 8 9 10 11 12 13 14 15 16...</p>									
<p>6. ESTIMATION:</p> <p>Bottle A (25 objects): _____</p> <p>Bottle B (50 objects): _____</p> <p>Bottle C (100 objects): _____</p>									
<p>7. NUMERAL RECOGNITION: <i>Numerals 0 -10:</i> 0 1 2 3 4 5 6 7 8 9 10</p> <p style="text-align: center;"><i>Numerals 11- 20:</i> 11 12 13 14 15 16 17 18 19 20</p>									
<p>8. NUMERAL FORMS: 0 1 2 3 4 5 6 7 8 9</p>									
<p>9. NUMBER: (9a) Concept Level "Hiding Assessment": 3 4 5 6 7 8 9</p> <p>(9b) Connecting Level: <i>Addition</i> _____ <i>Subtraction</i> _____</p> <p>(9c) Symbolic Level: <i>Addition</i> _____ <i>Subtraction</i> _____</p> <p>(9d) Visualization Level: <i>Addition</i> _____ <i>Subtraction</i> _____</p>									
<p>PLACE VALUE:</p> <p>10. BUILDING A LARGE NUMBER: (10a) Concept Level: _____</p> <p>(10b) Connecting Level: _____</p> <p>(10c) Symbolic Level: _____</p> <p>11. ADDING AND SUBTRACTING LARGE NUMBERS:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; text-align: center;">Addition</td> <td style="width: 50%; text-align: center;">Subtraction</td> </tr> <tr> <td>(11a) Concept Level: _____</td> <td>_____</td> </tr> <tr> <td>(11b) Connecting Level: _____</td> <td>_____</td> </tr> <tr> <td>(11c) Symbolic Level: _____</td> <td>_____</td> </tr> </table>		Addition	Subtraction	(11a) Concept Level: _____	_____	(11b) Connecting Level: _____	_____	(11c) Symbolic Level: _____	_____
Addition		Subtraction							
(11a) Concept Level: _____	_____								
(11b) Connecting Level: _____	_____								
(11c) Symbolic Level: _____	_____								

Class Composite

Date _____

Student Names



Student Names	[Shaded Area]								

sunny



--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

windy



--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

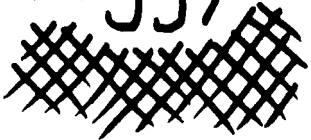


--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



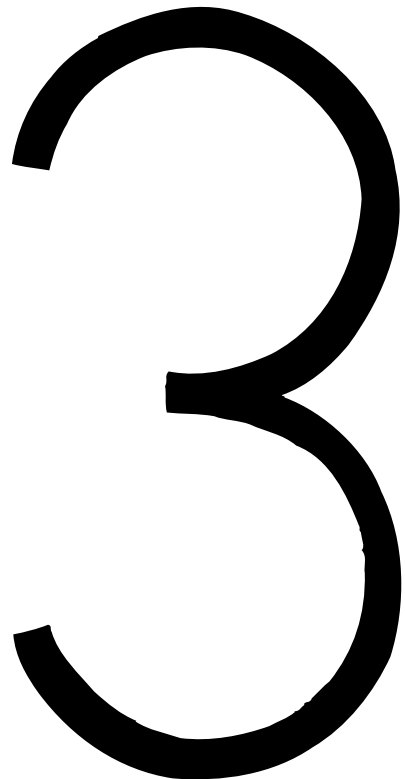
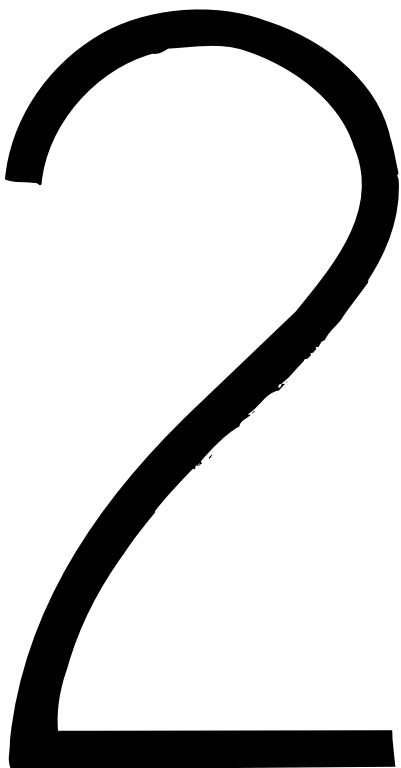
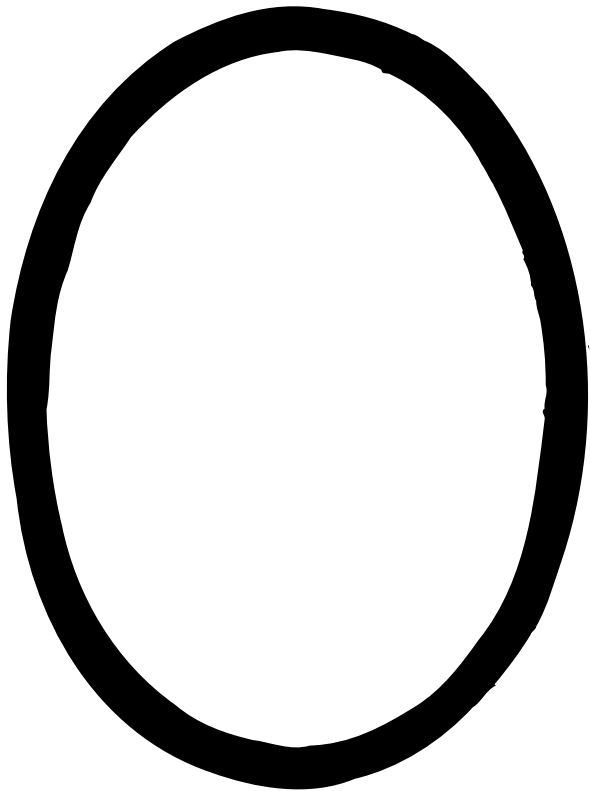
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

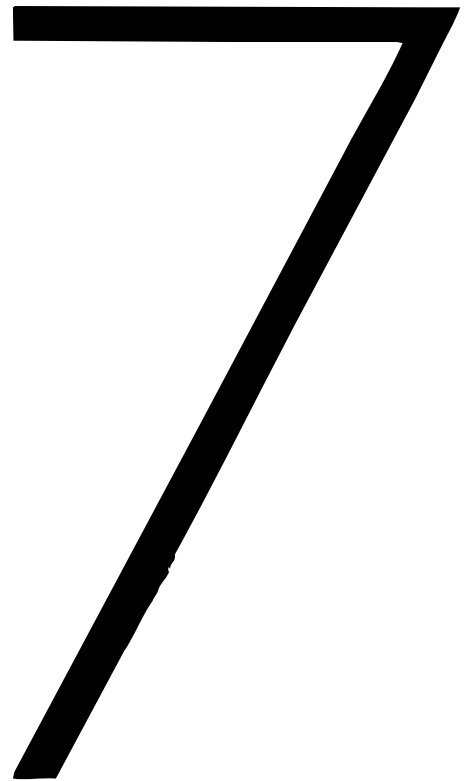
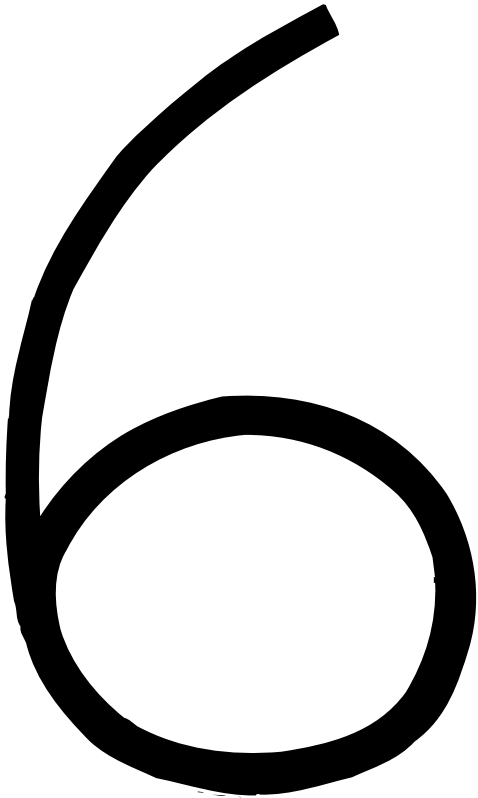
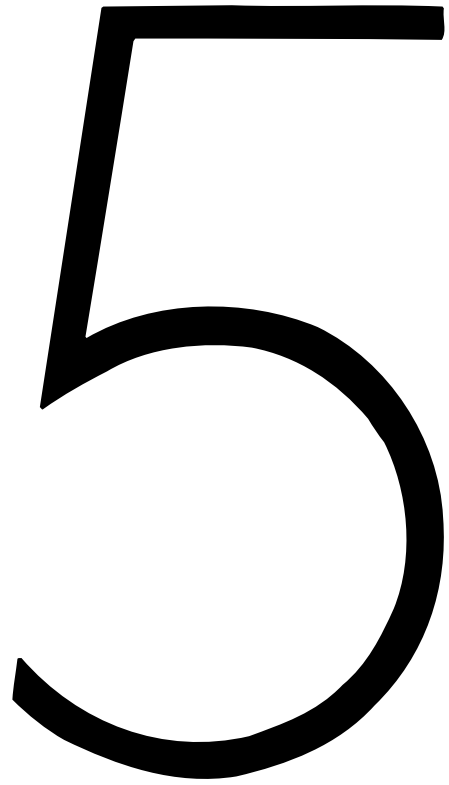
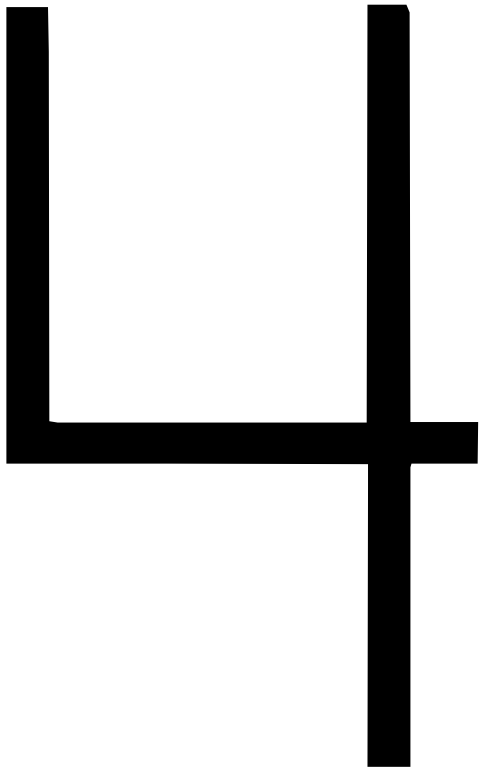
foggy

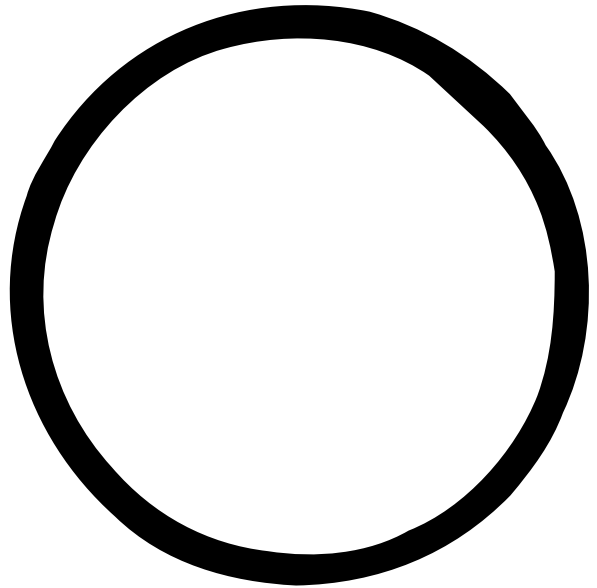
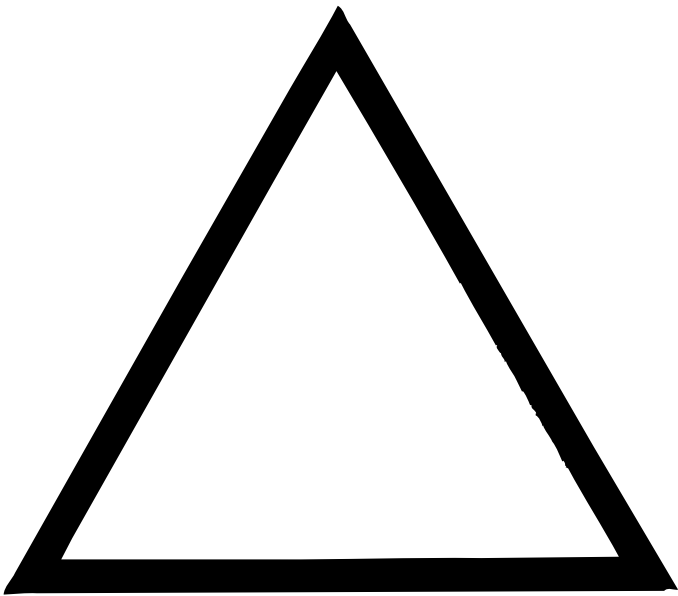
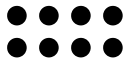
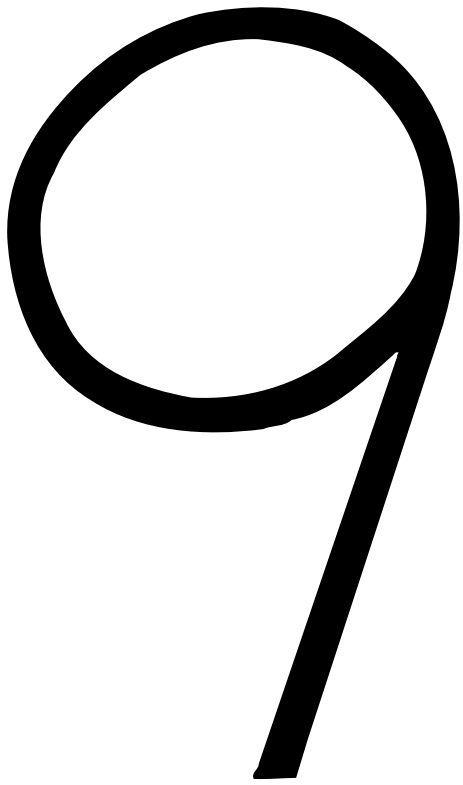
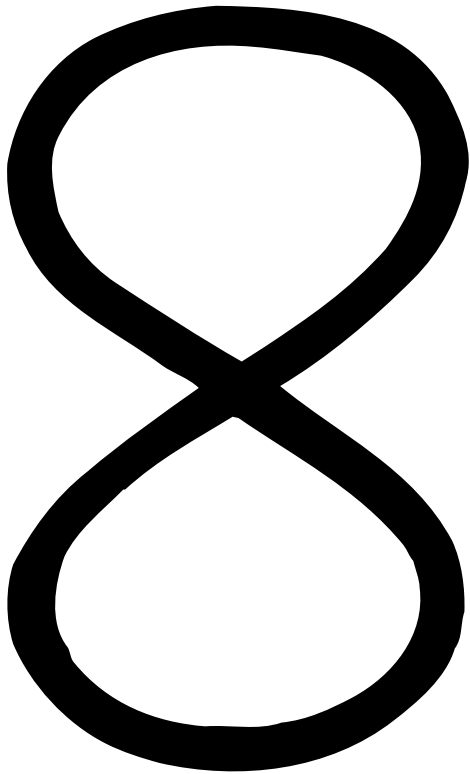


--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--







Numeral Dice Toss

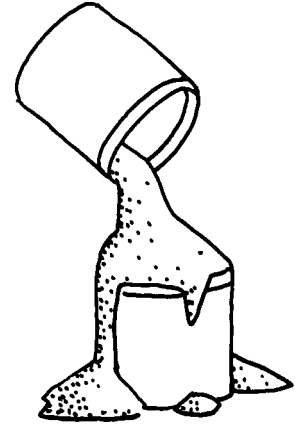
0	1	2	3	4	5

Numeral Dice Toss

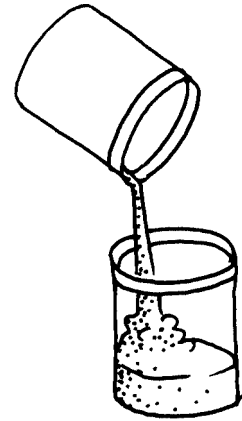
4	5	6	7	8	9

Numeral Sequences

Tallies



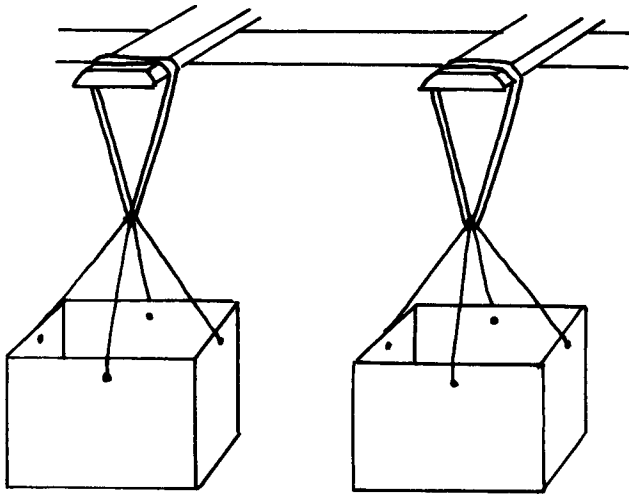
too much



too little

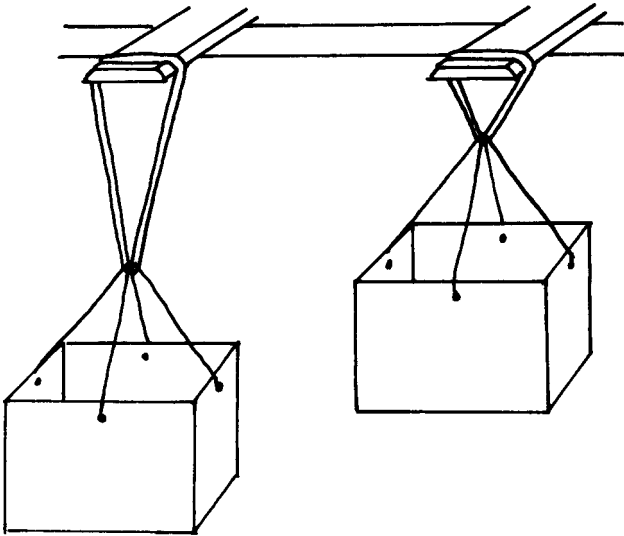


just right



the same

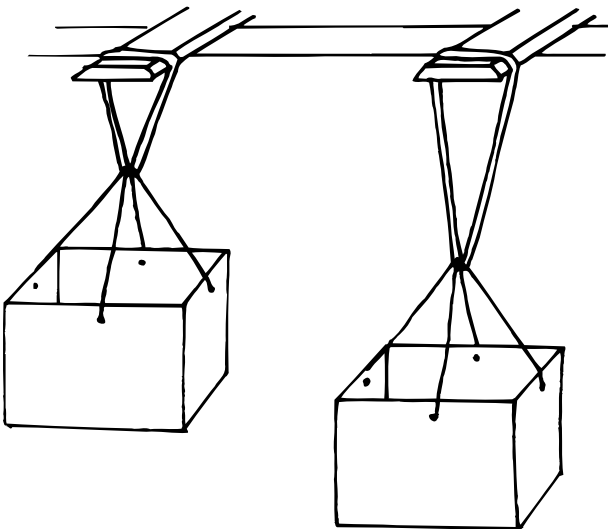
Weighing with Scales



more

less

Weighing with Scales



less

more

Weighing with Scales



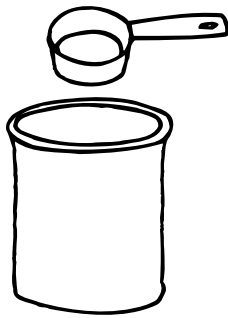
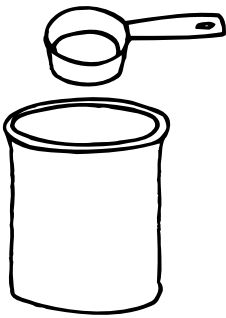
Scoopfuls

guess

check

_____ scoops

_____ scoops



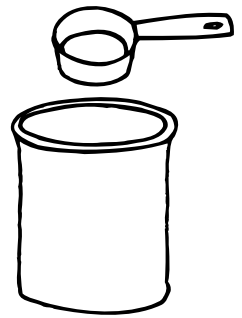
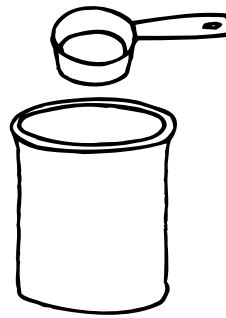
Scoopfuls

guess

check

_____ scoops

_____ scoops



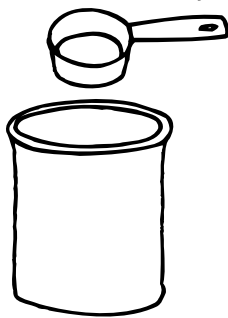
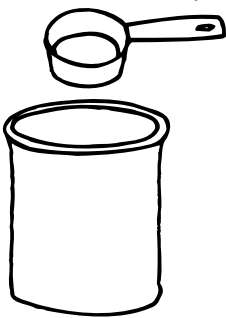
Scoopfuls

guess

check

_____ scoops

_____ scoops



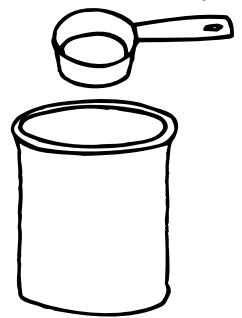
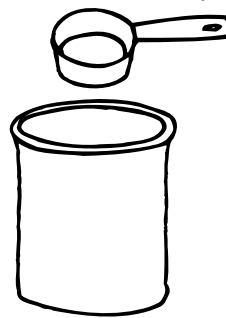
Scoopfuls

guess

check

_____ scoops

_____ scoops



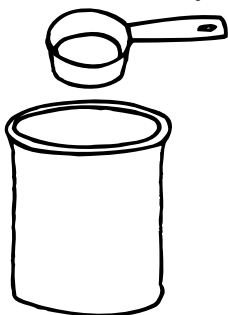
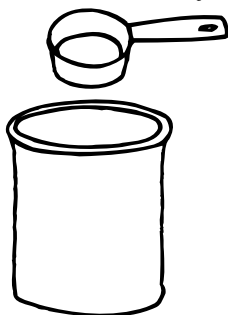
Scoopfuls

guess

check

_____ scoops

_____ scoops



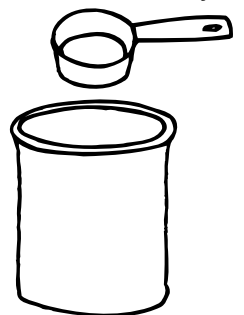
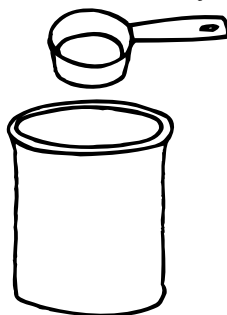
Scoopfuls

guess

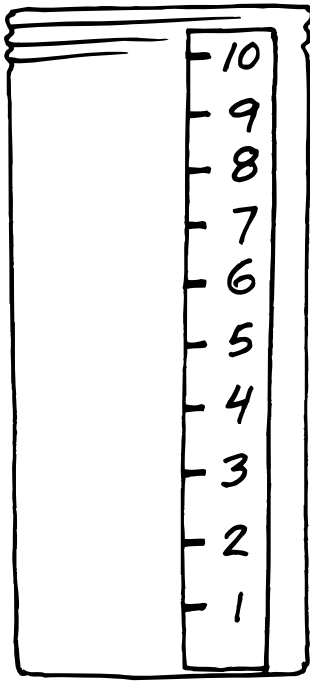
check

_____ scoops

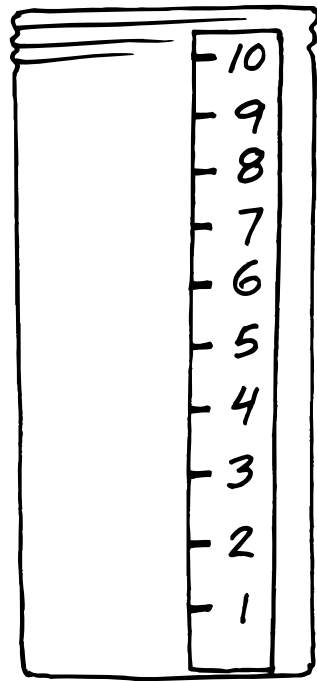
_____ scoops



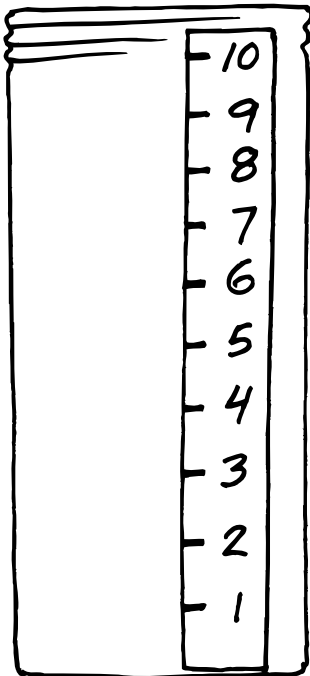
Calibrated Jar



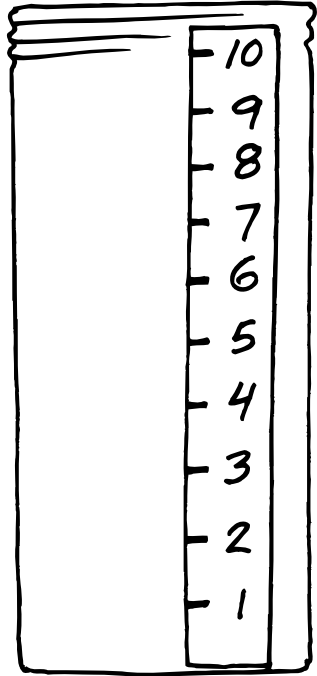
Calibrated Jar



Calibrated Jar



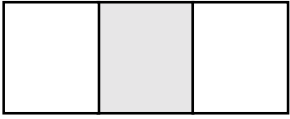
Calibrated Jar



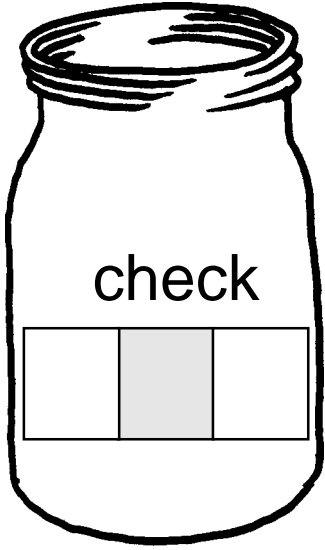
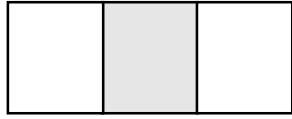


Estimating Objects in Containers

guess

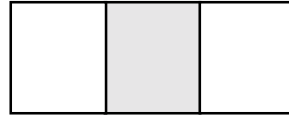


check

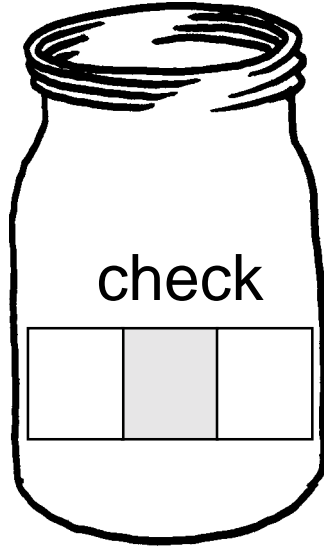
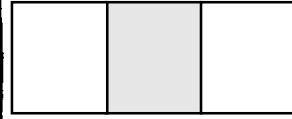


Estimating Objects in Containers

guess



check

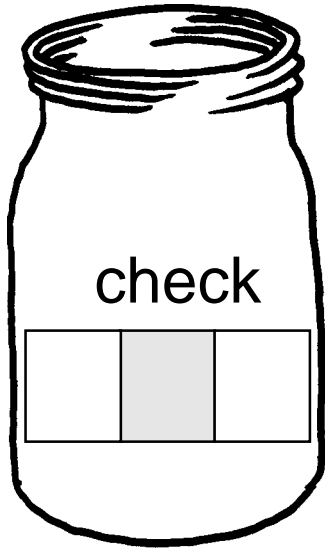


Estimating Objects in Containers

guess

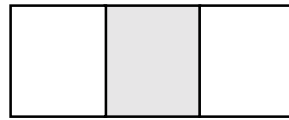


check

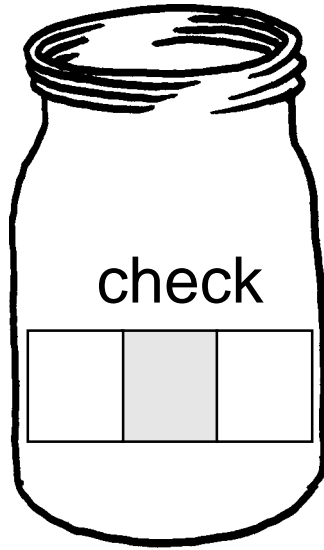


Estimating Objects in Containers

guess



check

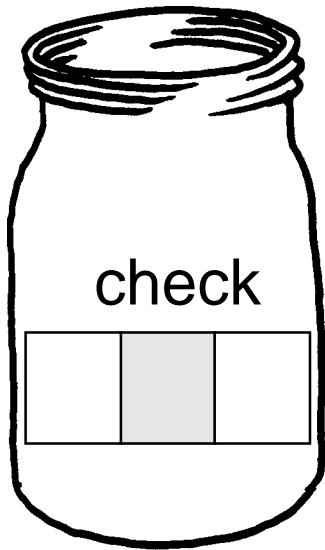
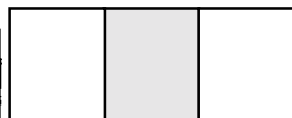


Estimating Objects in Containers

guess

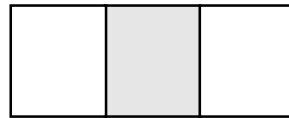


check

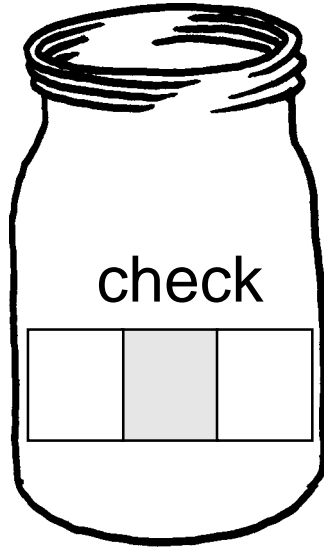
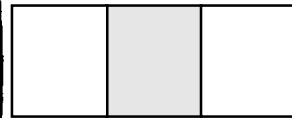


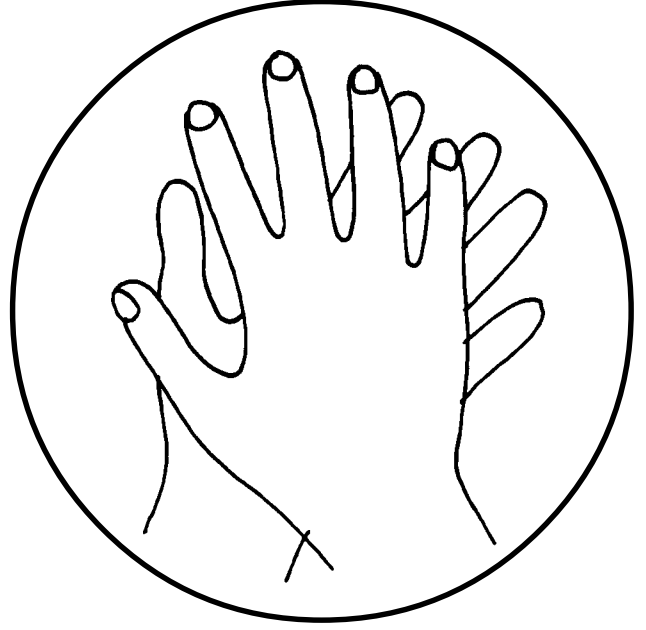
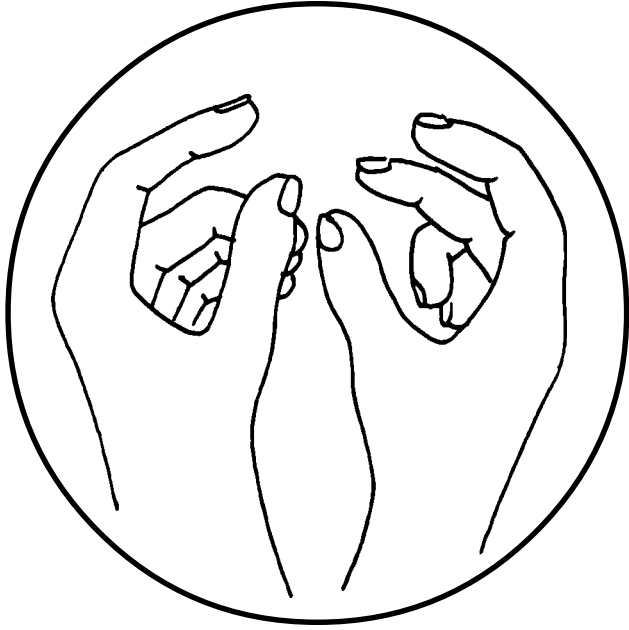
Estimating Objects in Containers

guess

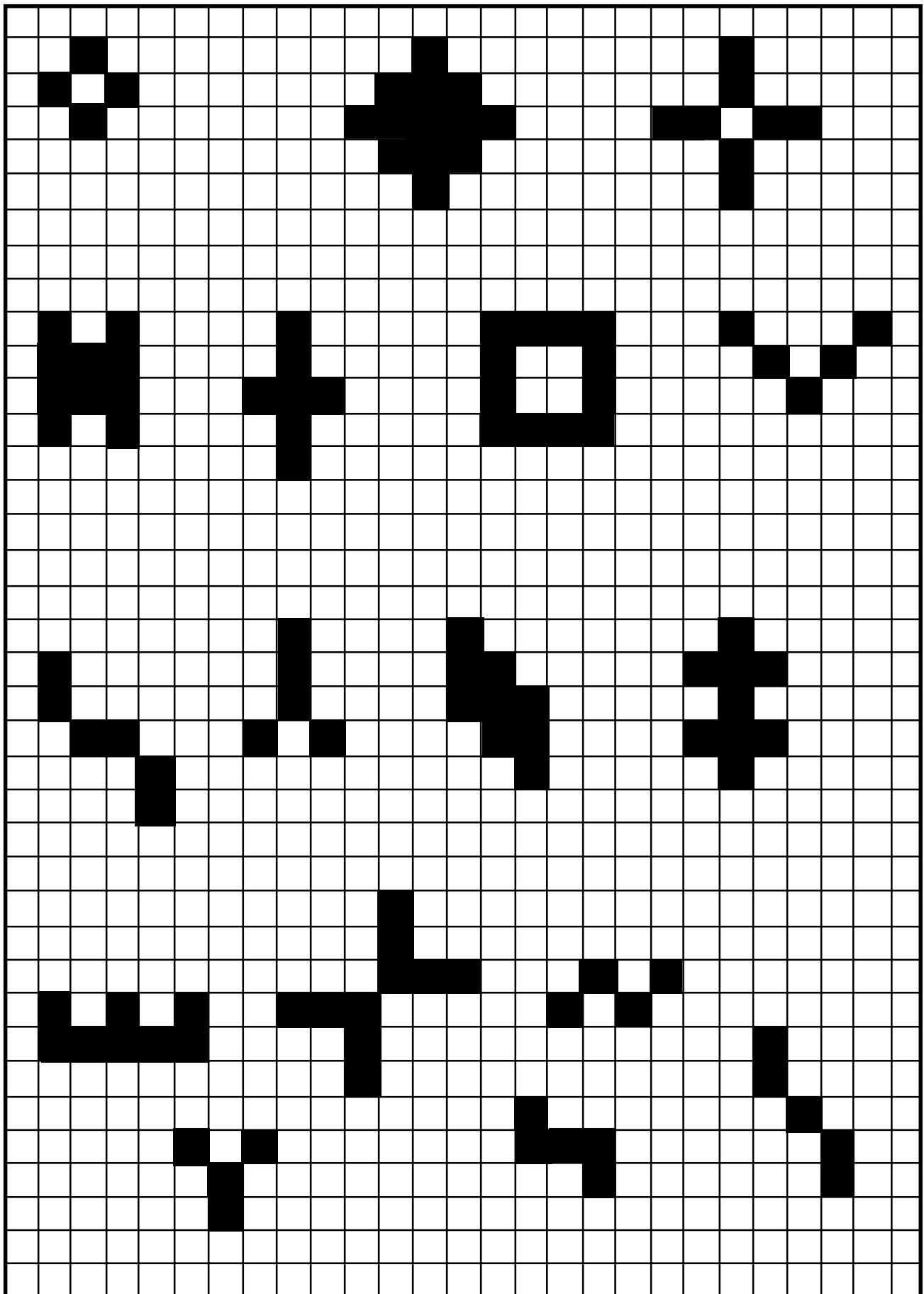


check

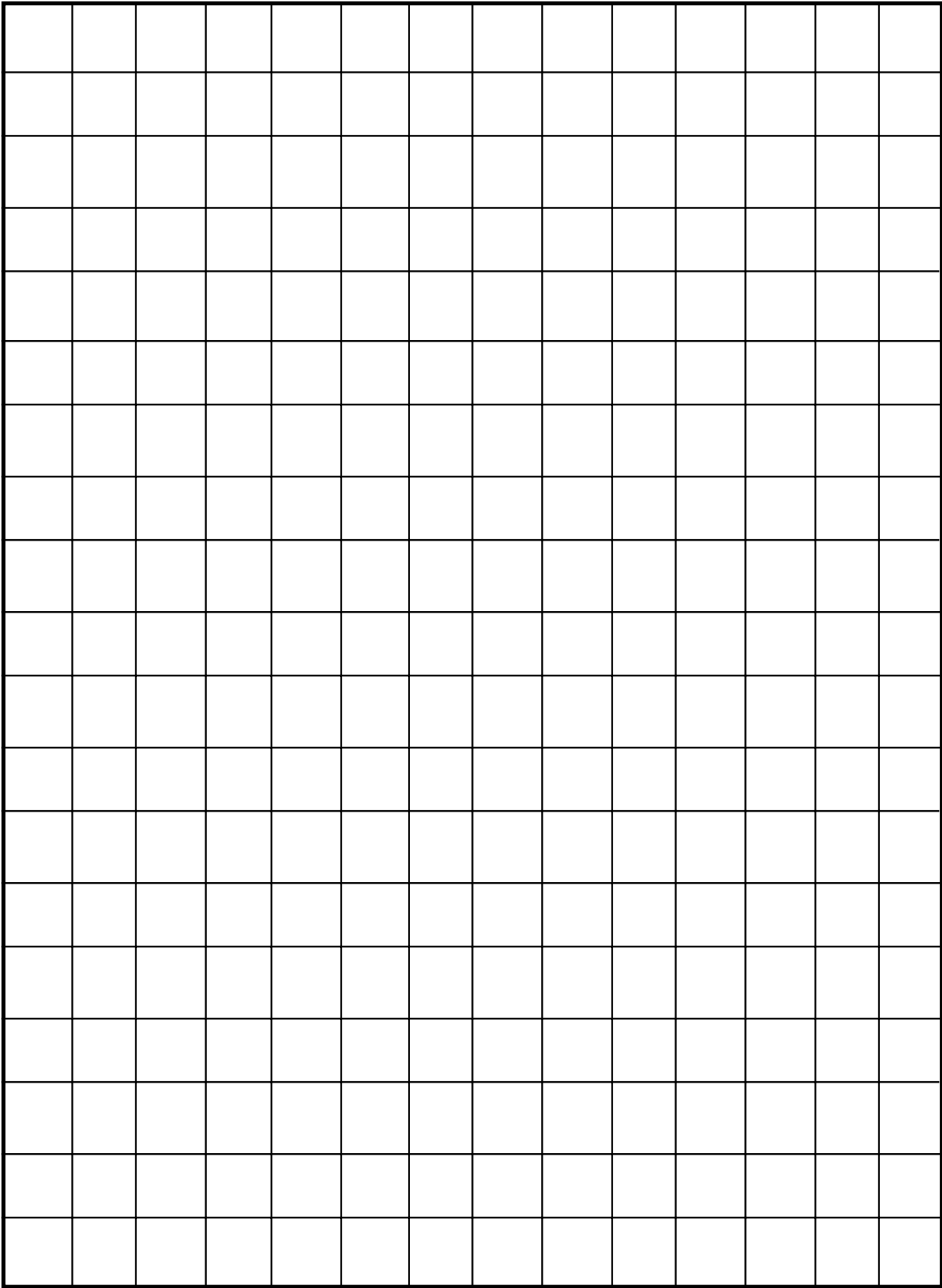


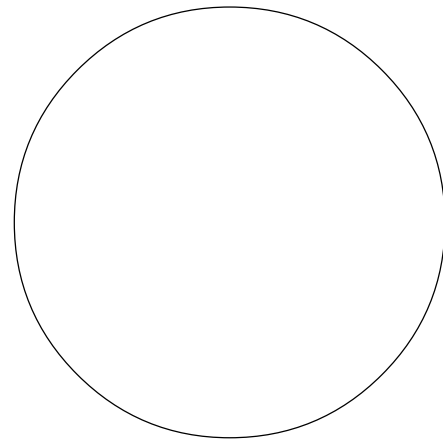
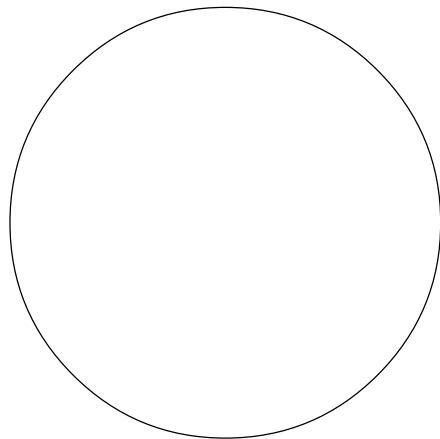
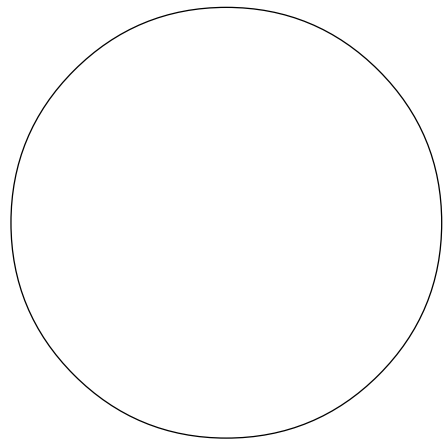
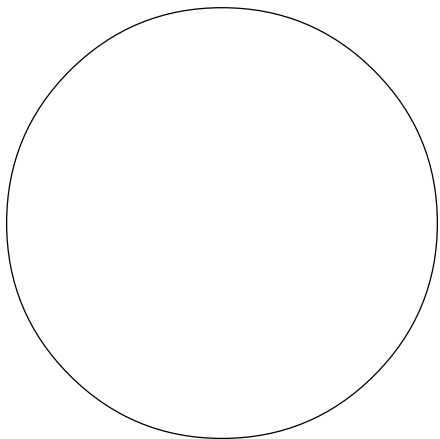
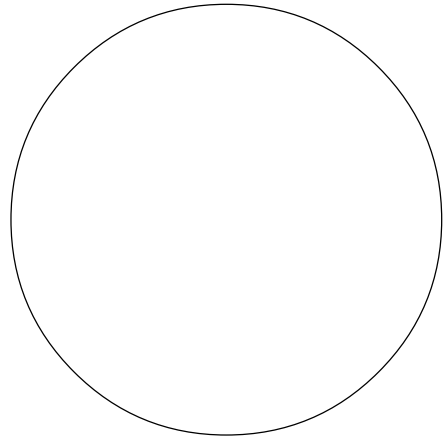
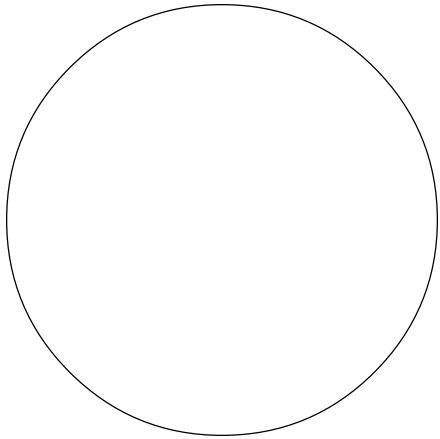
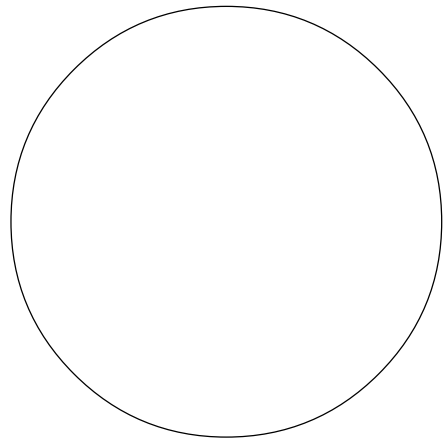
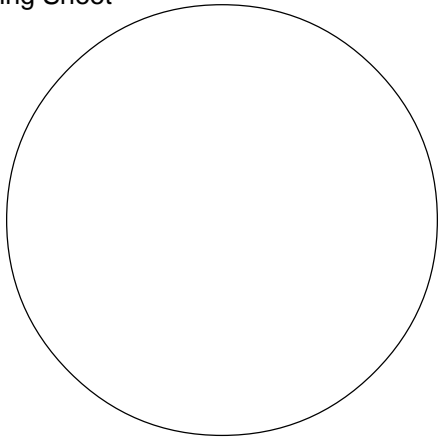


Surrounding Pattern Base Samples



Surrounding Pattern Grid





1 yes
no

2 yes
no

3 yes
no

4 yes
no

5 yes
no

6 yes
no

7 yes
no

8 yes
no

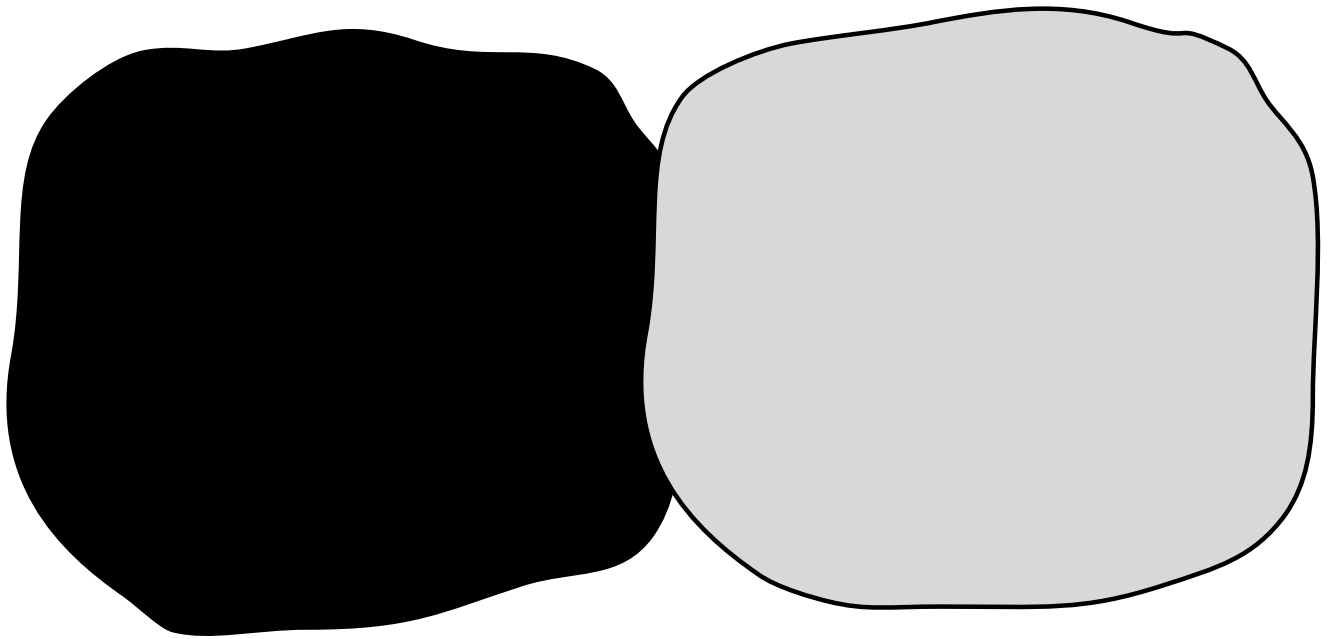
9 yes
no

Equation Dice Toss

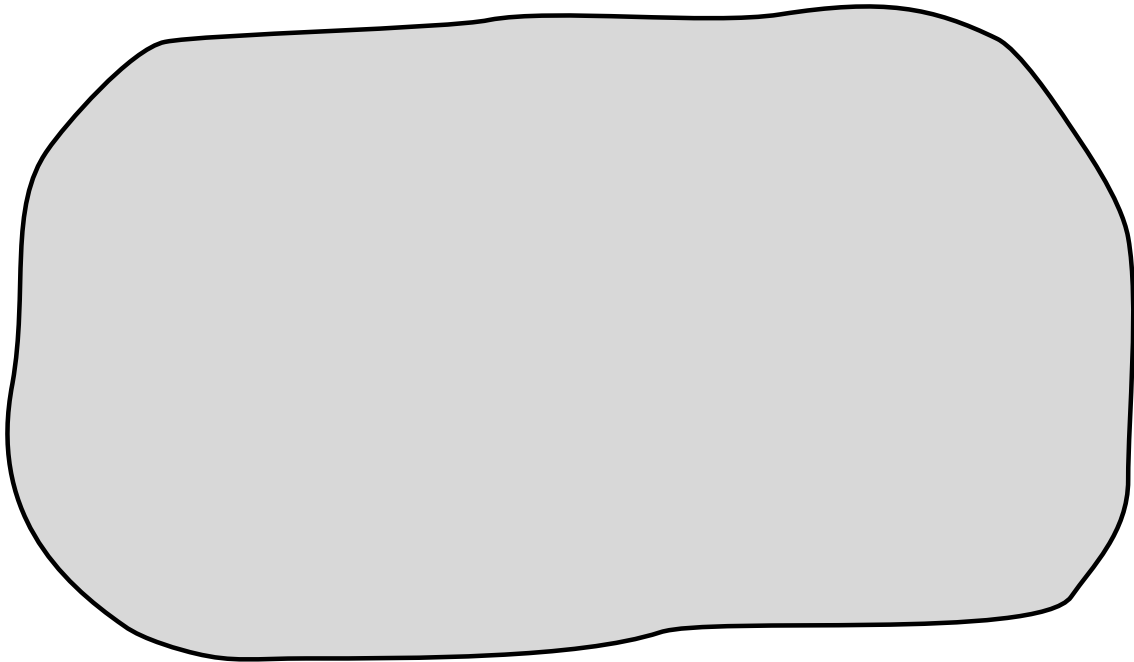
0	1	2	3	4	5	6	7	8	9	10



Junkjobs Addition Card



Junkjobs Subtraction Card



0	1	2	3
4	5	6	7
8	9	0	1
2	3	4	5
6	7	8	9
=	=	=	=

$\begin{array}{r} 0 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 1 \\ \hline \end{array}$
$\begin{array}{r} 4 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 1 \\ \hline \end{array}$
$\begin{array}{r} 8 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 0 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$
$\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$

$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 0 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 3 \\ \hline \end{array}$
$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 3 \\ \hline \end{array}$
$\begin{array}{r} 4 \\ + 0 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$
$\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 0 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 5 \\ \hline \end{array}$

$\begin{array}{r} 2 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 0 \\ \hline \end{array}$
$\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 0 \\ + 7 \\ \hline \end{array}$
$\begin{array}{r} 1 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 0 \\ \hline \end{array}$
$\begin{array}{r} 1 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 0 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 0 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 1 \\ \hline \end{array}$

$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$
$\begin{array}{r} 9 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 9 \\ \hline \end{array}$
$\begin{array}{r} 8 \\ - 0 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 3 \\ \hline \end{array}$
$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 7 \\ \hline \end{array}$

$\begin{array}{r} 8 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 0 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$
---	---	---	---

$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 6 \\ \hline \end{array}$
---	---	---	---

$\begin{array}{r} 7 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 0 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$
---	---	---	---

$\begin{array}{r} 6 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 6 \\ \hline \end{array}$
---	---	---	---

Vertical Equation Cards

$\begin{array}{r} 5 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$
$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$
$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -0 \\ \hline \end{array}$
$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -0 \\ \hline \end{array}$

$0 + 1$

$8 + 1$

$1 + 1$

$2 + 0$

$2 + 1$

$1 + 2$

$3 + 1$

$2 + 2$

$4 + 1$

$3 + 2$

$5 + 1$

$4 + 2$

$6 + 1$

$5 + 2$

$7 + 1$

$6 + 2$

$7 + 2$

$4 + 0$

$0 + 3$

$1 + 4$

$1 + 3$

$2 + 4$

$2 + 3$

$3 + 4$

$3 + 3$

$4 + 4$

$4 + 3$

$5 + 4$

$5 + 3$

$0 + 5$

$6 + 3$

$1 + 5$

$2 + 5$

$1 + 7$

$3 + 5$

$2 + 7$

$4 + 5$

$3 + 7$

$6 + 0$

$8 + 0$

$1 + 6$

$1 + 8$

$2 + 6$

$9 + 0$

$3 + 6$

$9 - 0$

$0 + 7$

$9 - 1$

$9 - 2$

$8 - 0$

$9 - 3$

$8 - 1$

$9 - 4$

$8 - 2$

$9 - 5$

$8 - 3$

$9 - 6$

$8 - 4$

$9 - 7$

$8 - 5$

$9 - 8$

$8 - 6$

$9 - 9$

$8 - 7$

$8 - 8$

$7 - 7$

$7 - 0$

$6 - 0$

$7 - 1$

$6 - 1$

$7 - 2$

$6 - 2$

$7 - 3$

$6 - 3$

$7 - 4$

$6 - 4$

$7 - 5$

$6 - 5$

$7 - 6$

$6 - 6$

$5 - 0$

$4 - 2$

$5 - 1$

$4 - 3$

$5 - 2$

$4 - 4$

$5 - 3$

$3 - 0$

$5 - 4$

$3 - 1$

$5 - 5$

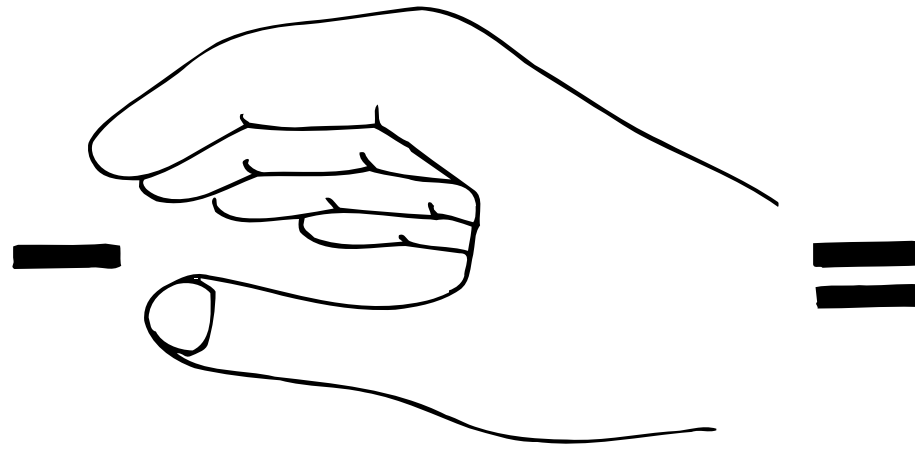
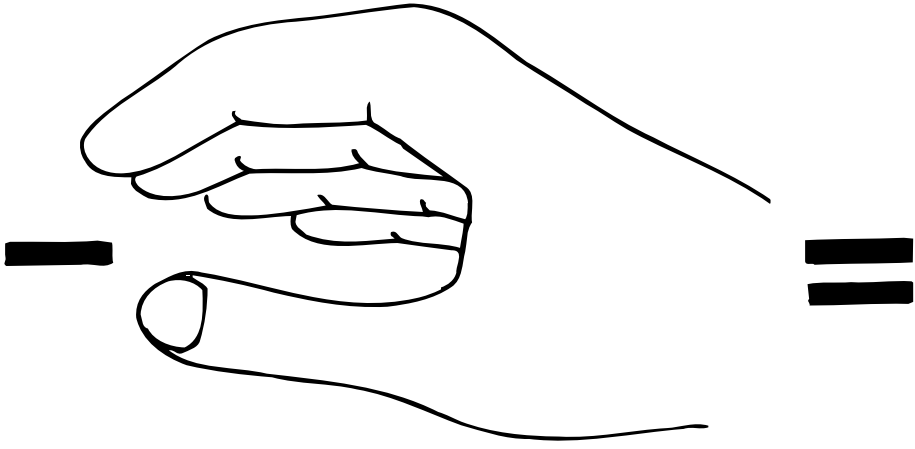
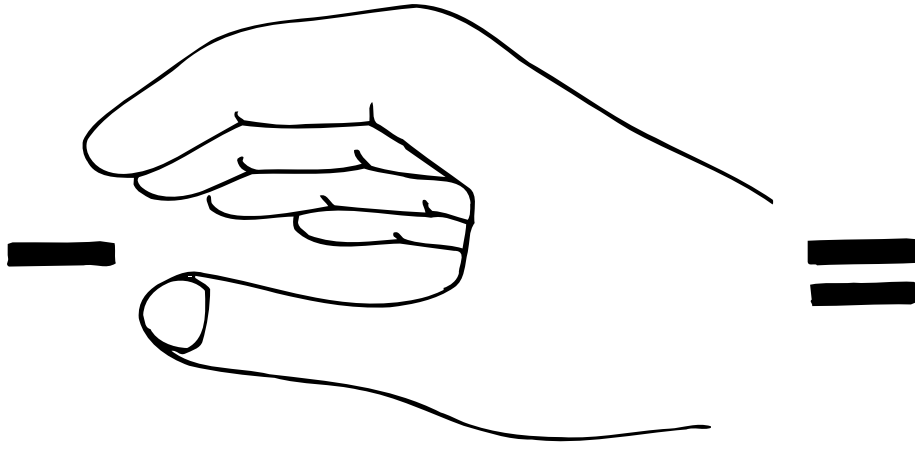
$3 - 2$

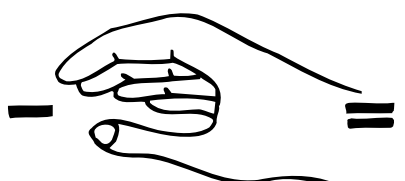
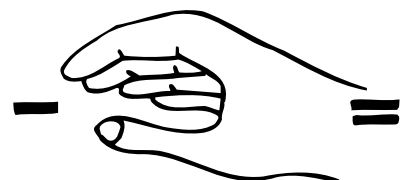
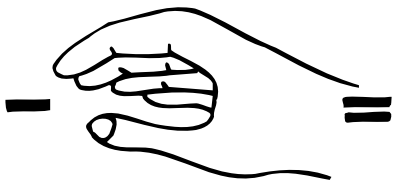
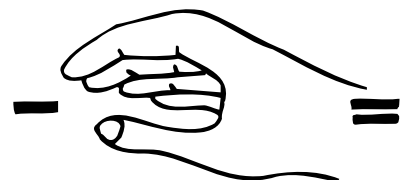
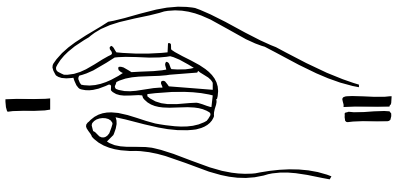
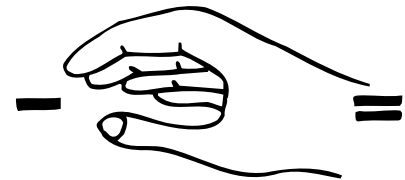
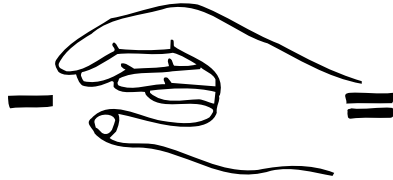
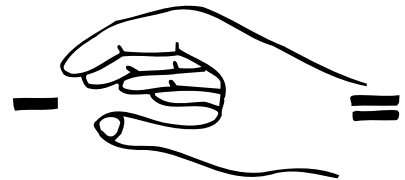
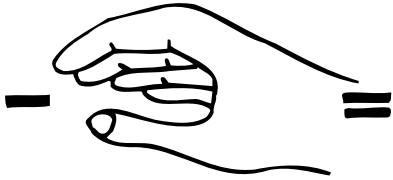
$4 - 0$

$3 - 3$

$4 - 1$

$2 - 0$

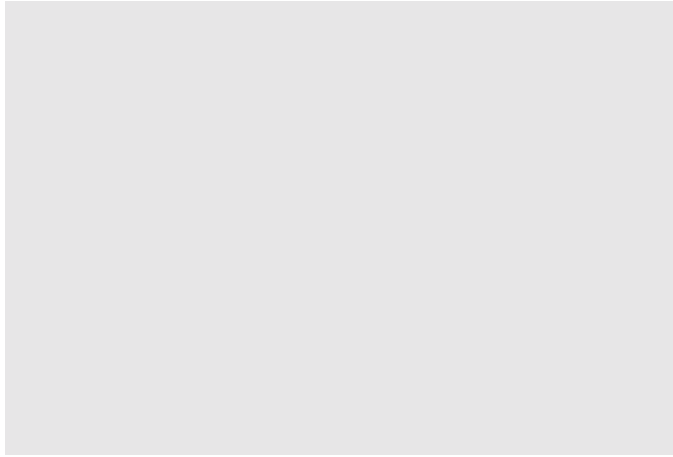




Number Station Range Cards

○ ○			○ ○		
Name:			Name:		
○ ○			○ ○		
Name:			Name:		

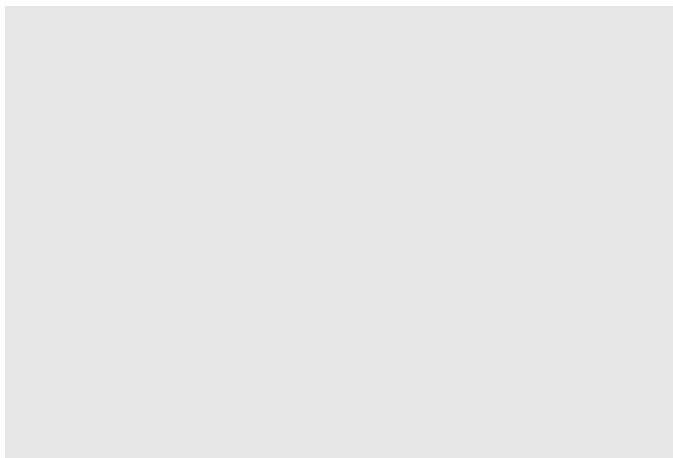
tens



ones

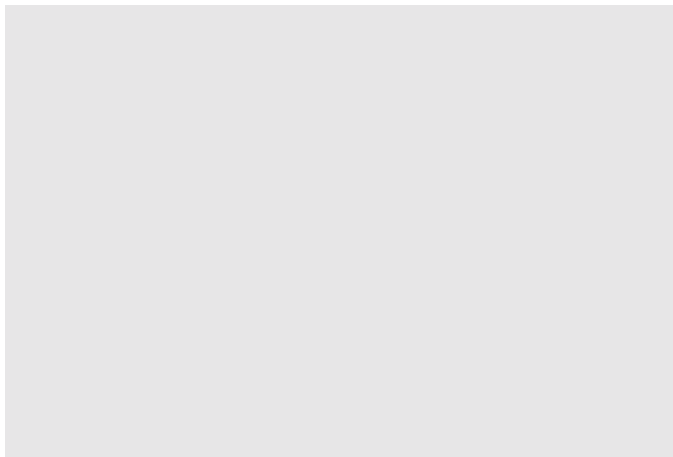
X X X X X

X X X X X



X X X X X

X X X X X

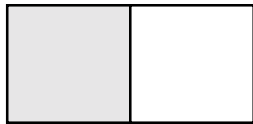
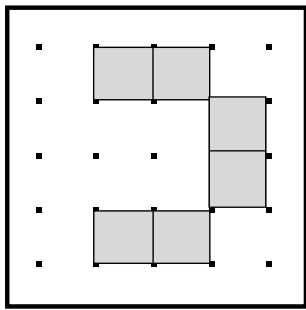


X X X X X

X X X X X



Perimeters

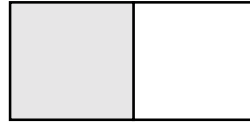
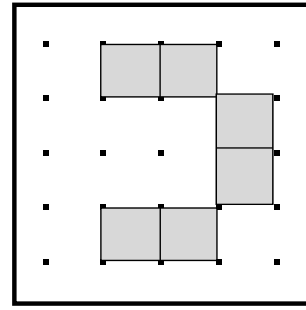


guess

check



Perimeters

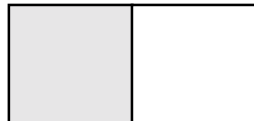
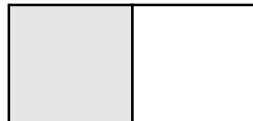
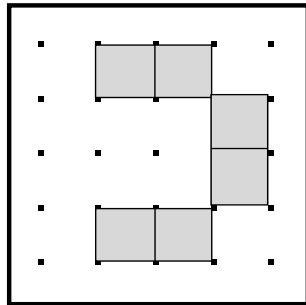


guess

check



Perimeters

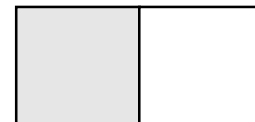
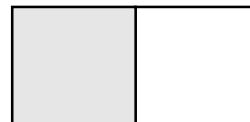
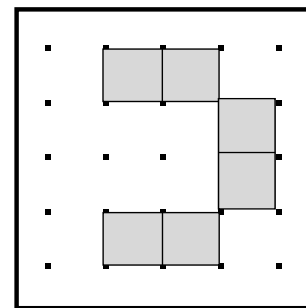


guess

check



Perimeters

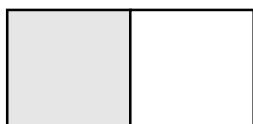
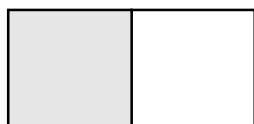
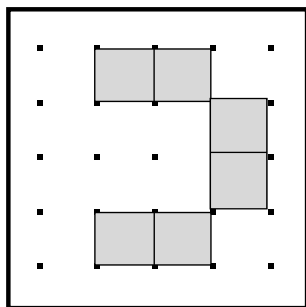


guess

check



Perimeters

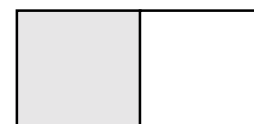
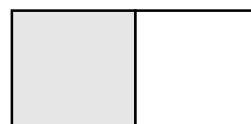
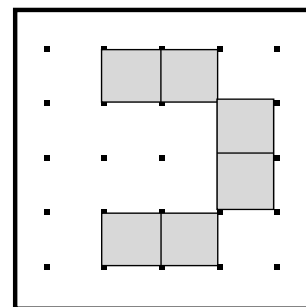


guess

check

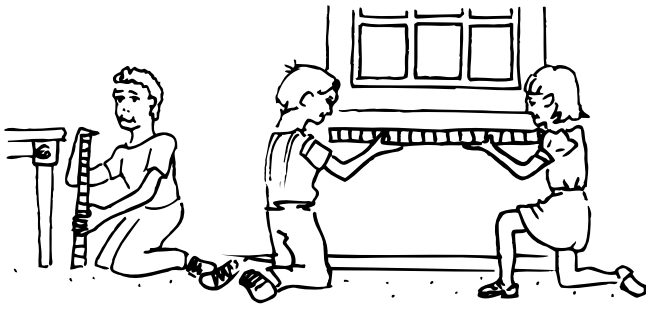


Perimeters



guess

check



guess

check

1. _____

--	--

--	--

2. _____

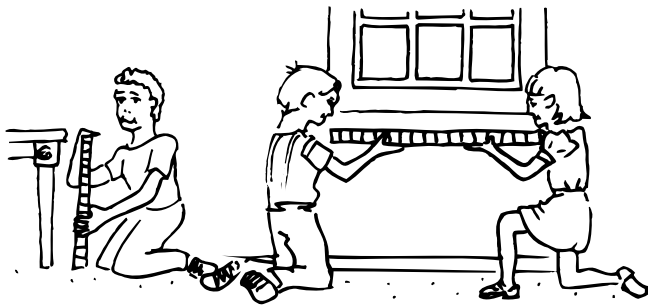
--	--

--	--

3. _____

--	--

--	--



guess

check

1. _____

--	--

--	--

2. _____

--	--

--	--

3. _____

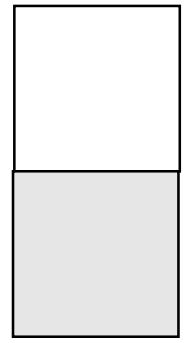
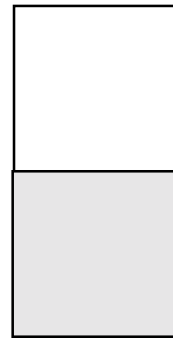
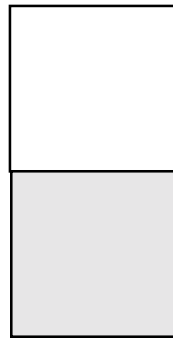
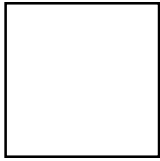
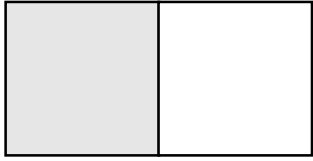
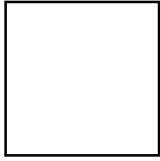
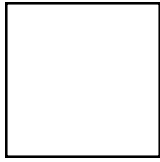
--	--

--	--

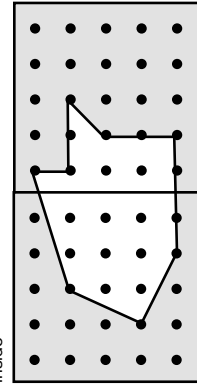
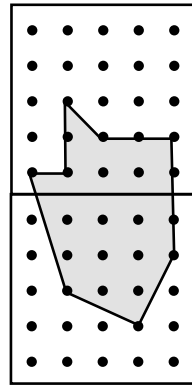
Magazine Pictures

Picture

Number of Objects



+

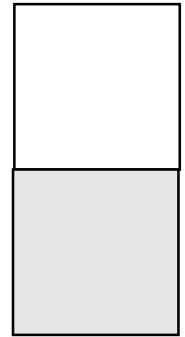
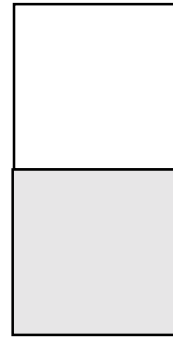
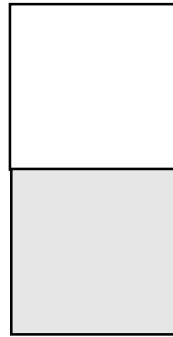
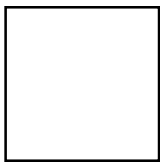
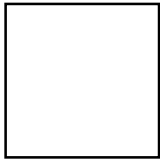
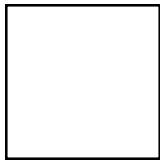


Inside/Outside

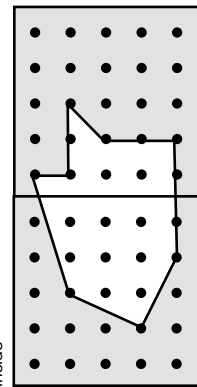
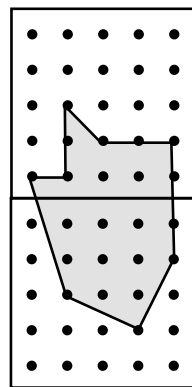
Magazine Pictures

Picture

Number of Objects



+

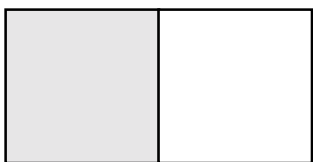
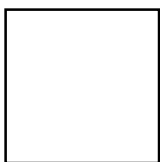
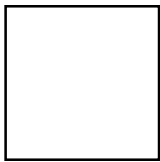
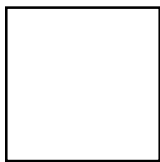


Inside/Outside

Magazine Pictures

Picture

Number of Objects





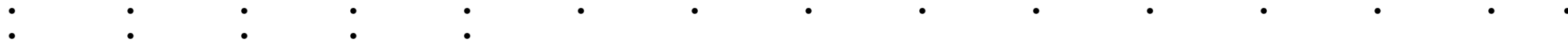
Hundred's Chart

1	2	3	4	5	6	7	8	9	10
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

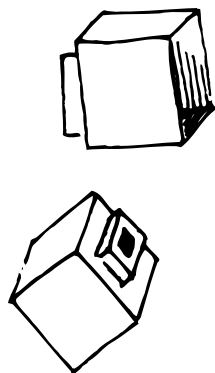
Blank Matrix (10 by 10)

Three Matrix Grids

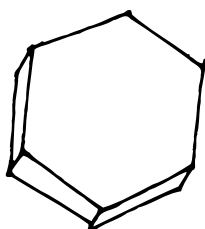
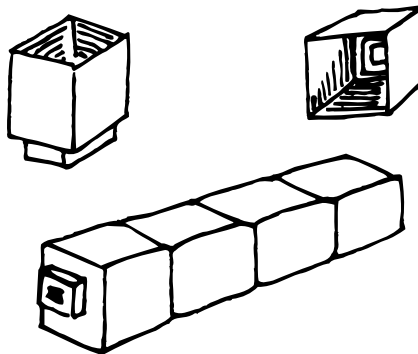
3 Column Place Value Strips



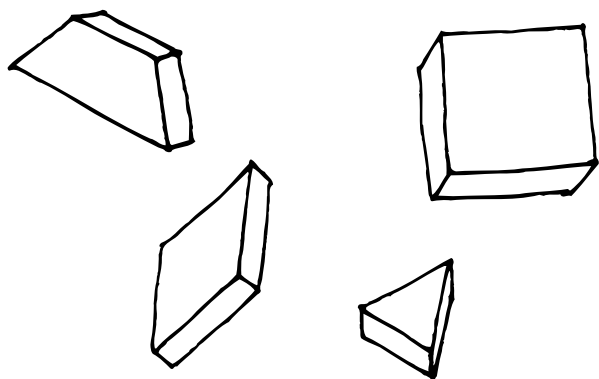




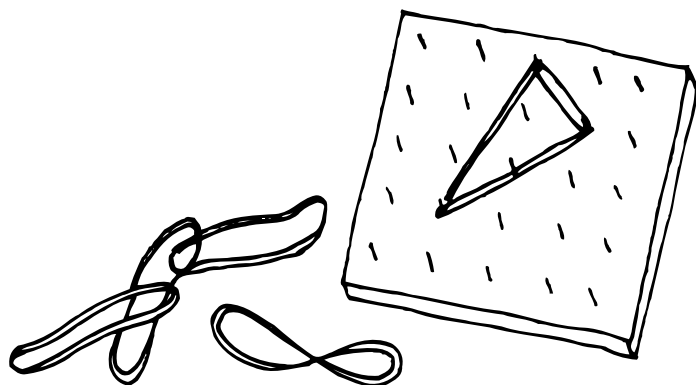
unifix cubes



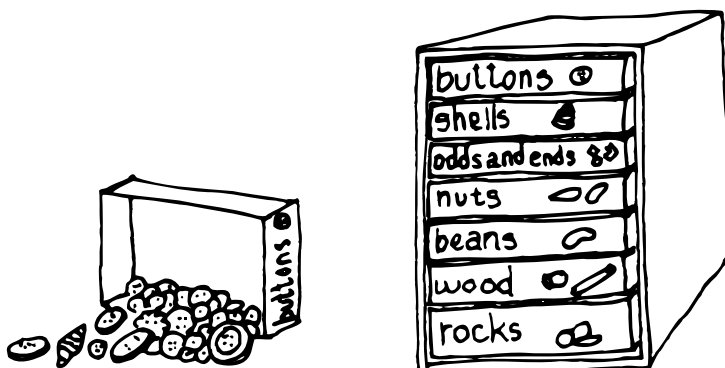
pattern blocks

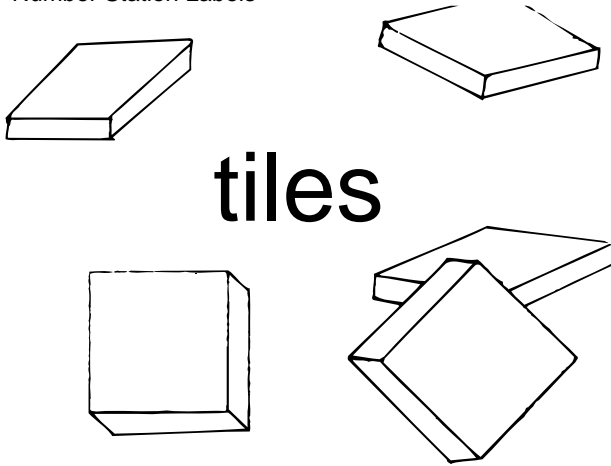


geoboards and geobands

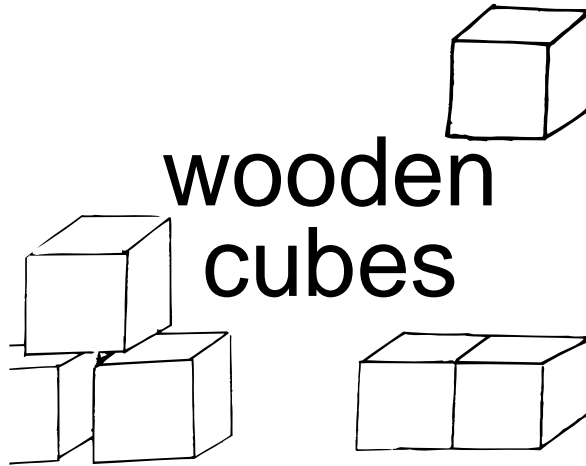


junk boxes

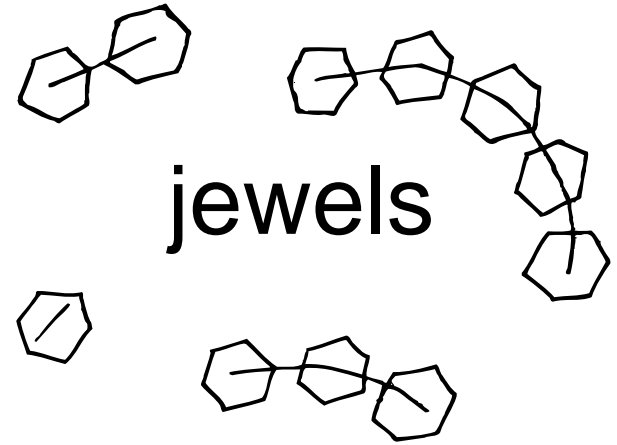




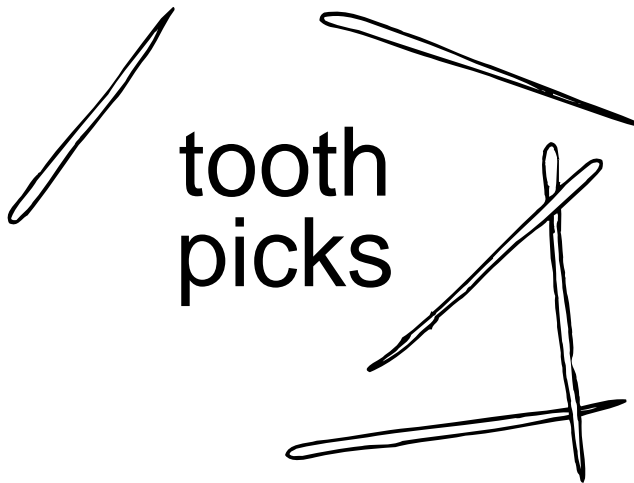
tiles



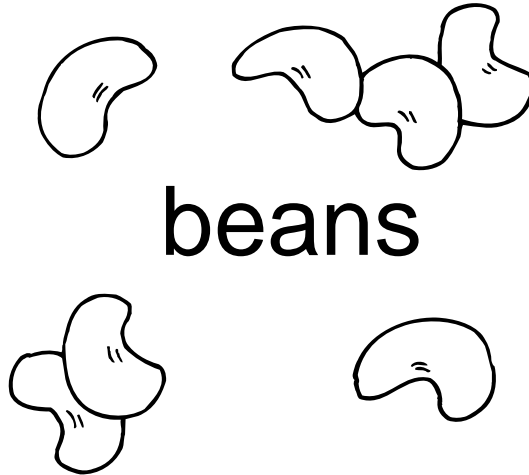
**wooden
cubes**



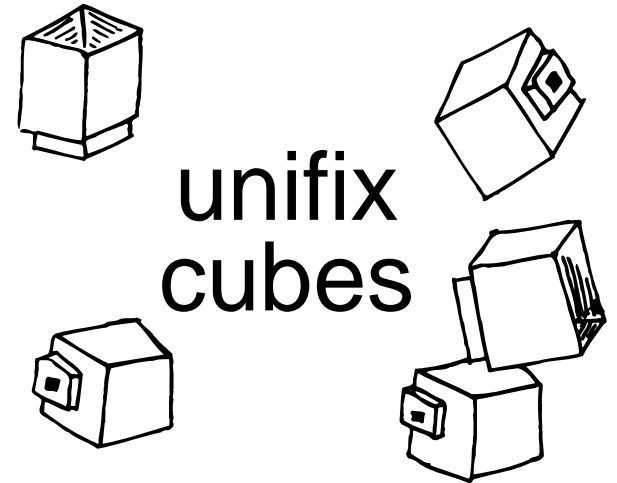
jewels



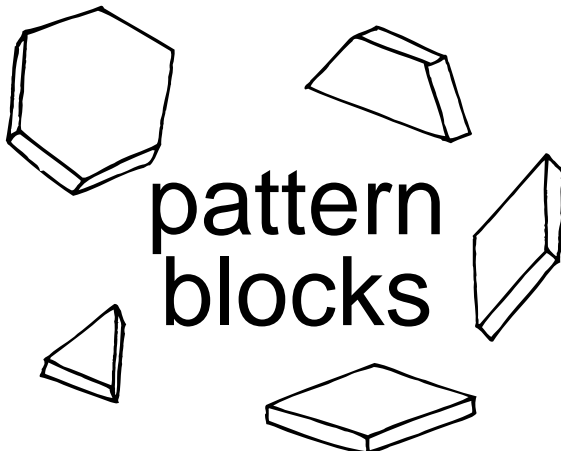
**tooth
picks**



beans



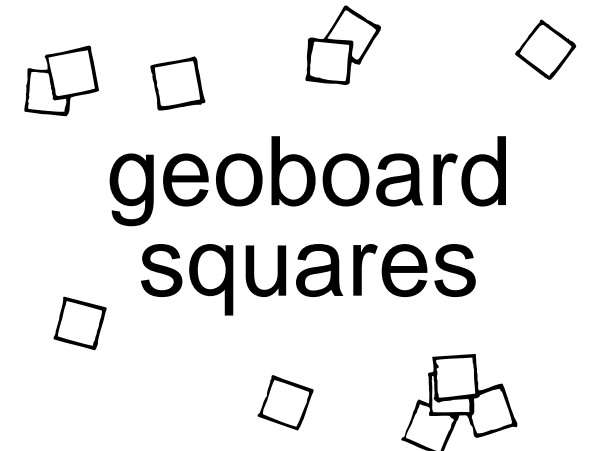
**unifix
cubes**



**pattern
blocks**

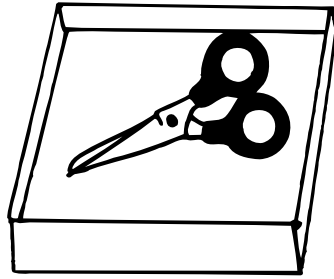


**counting
cups**

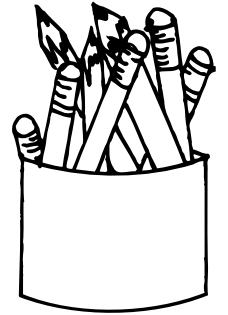


**geoboard
squares**

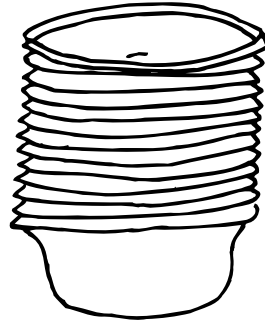
scissors



pencils



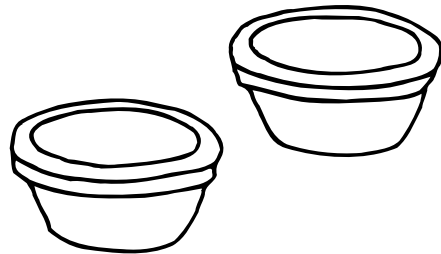
bowls



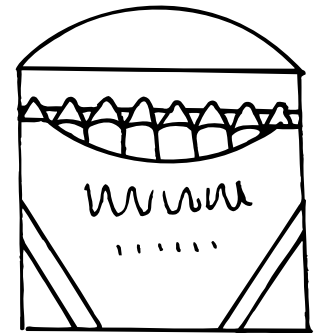
stapler



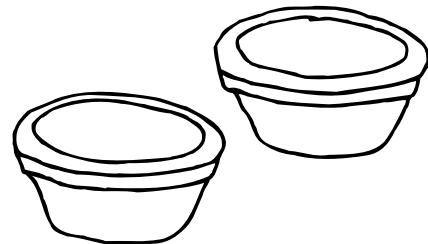
rags



crayons



paste



tape



More/Less Cards



more



less



more



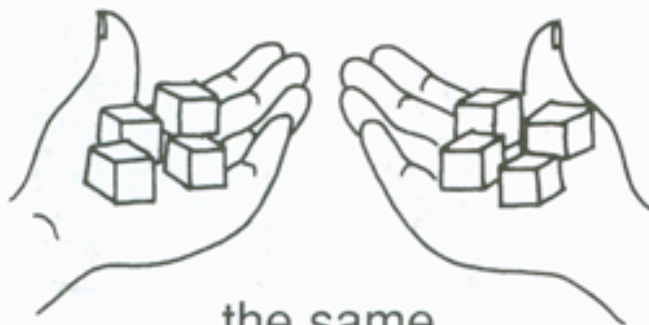
less



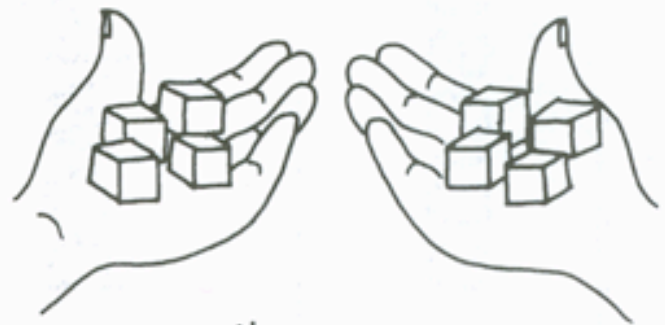
more



less



the same



the same