Mathematics
Blackline Masters

for use with
Atlantic Canada Mathematics
Curriculum Guide
Mathematics Essentials 11

Please note that all attempts have been made to identify and acknowledge information from external sources. In the event that a source was overlooked, please contact English Program Services, Nova Scotia Department of Education at eps@ednet.ns.ca.

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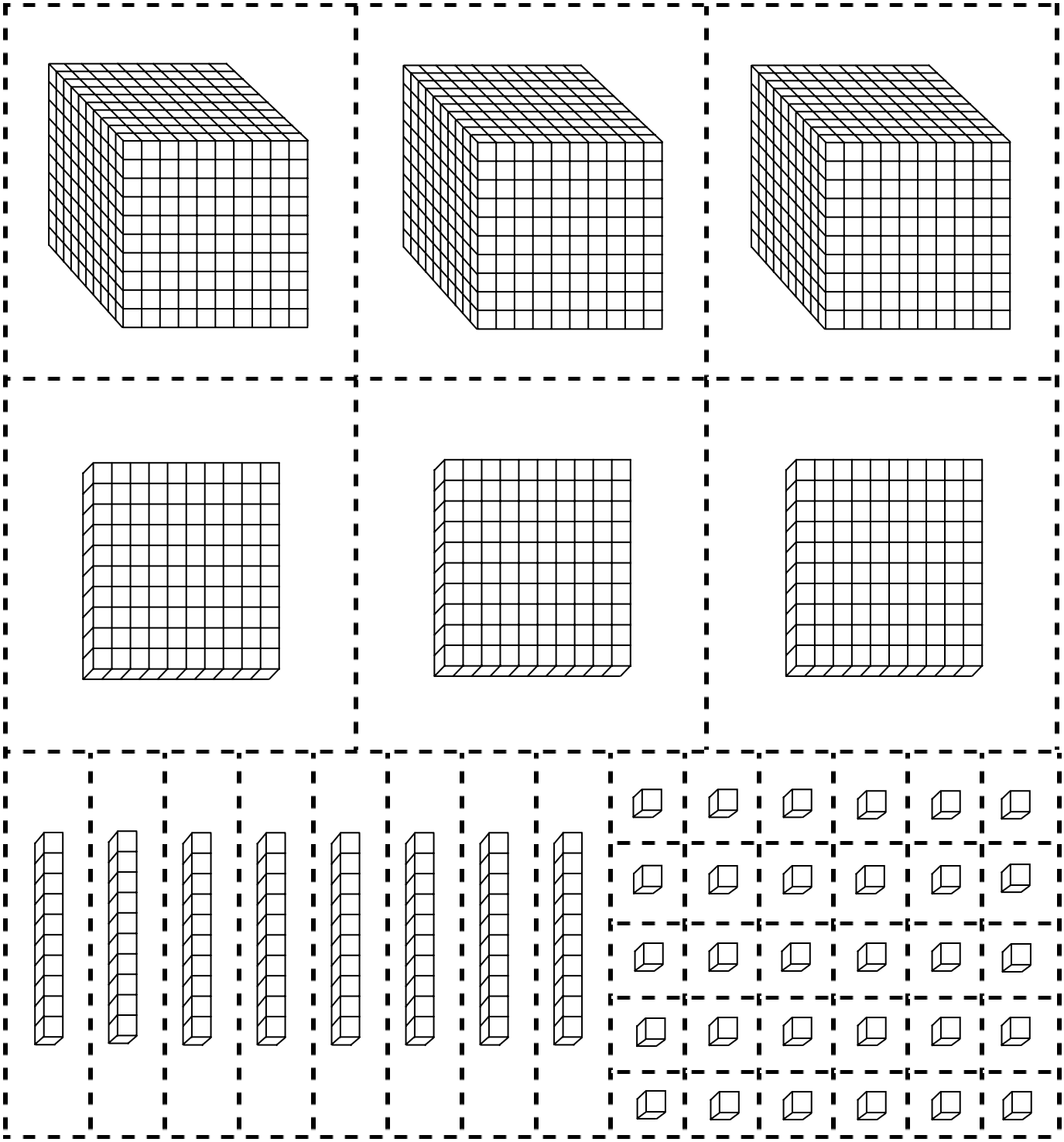
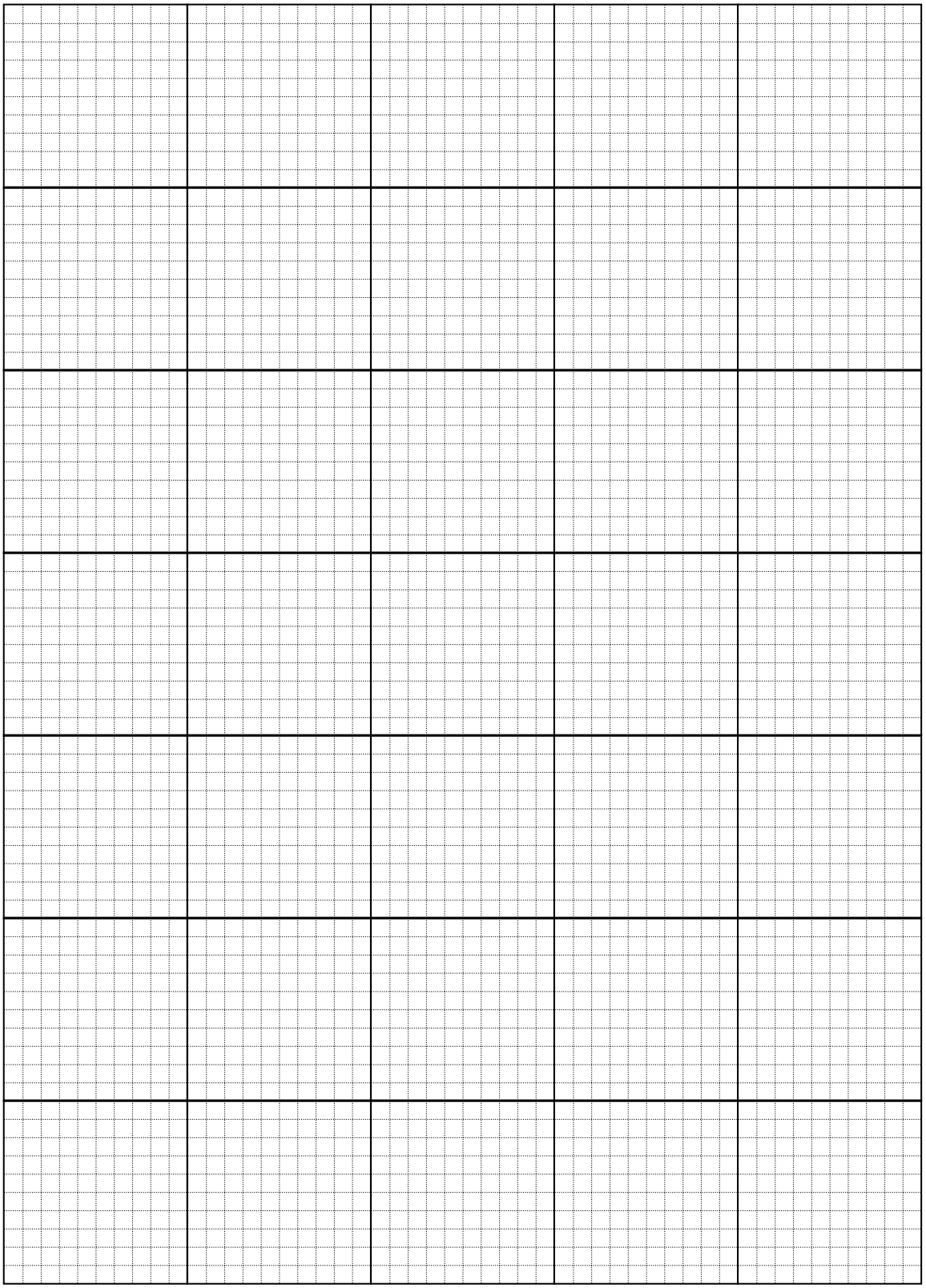
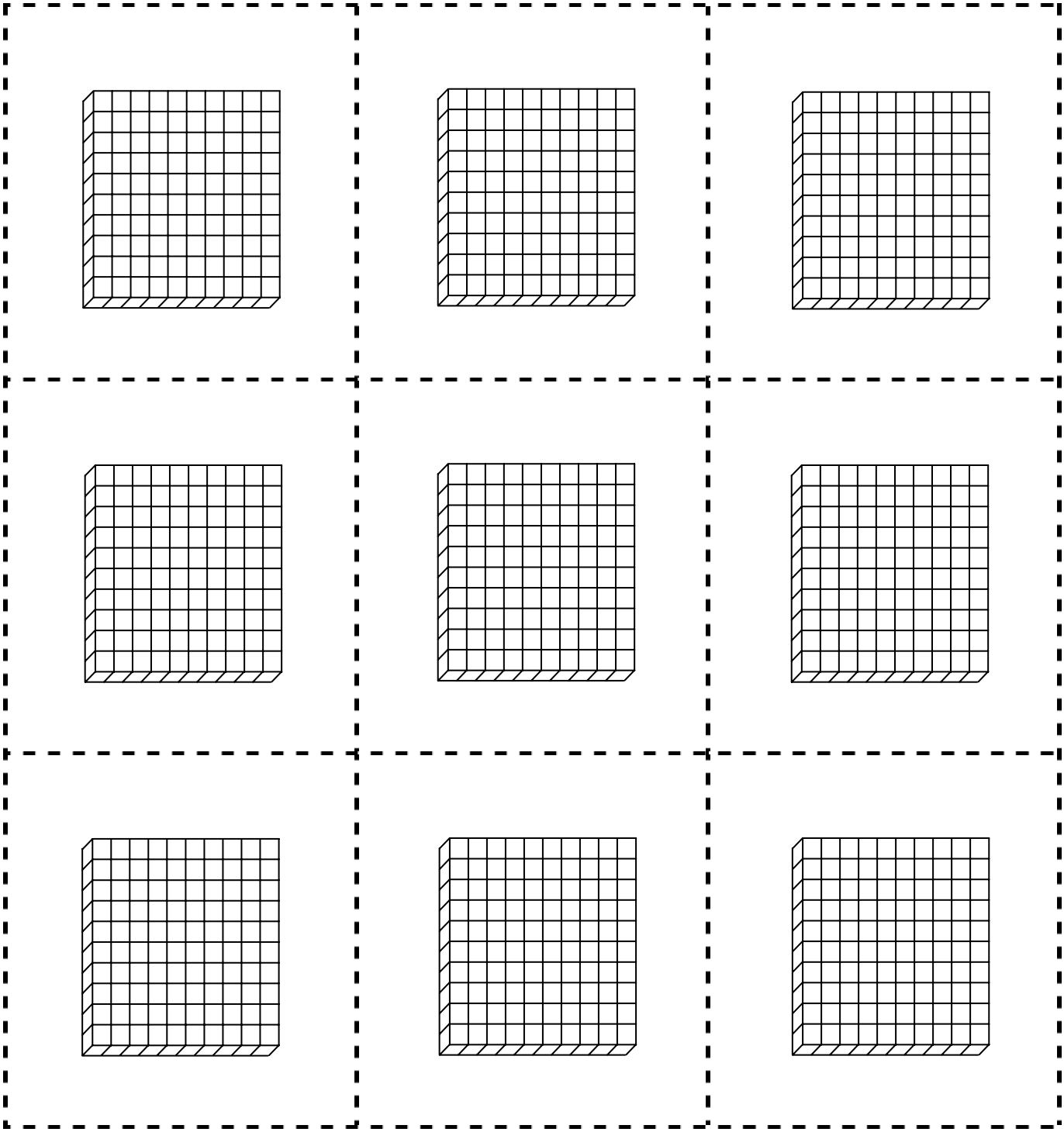
Base 10 Blocks (all)



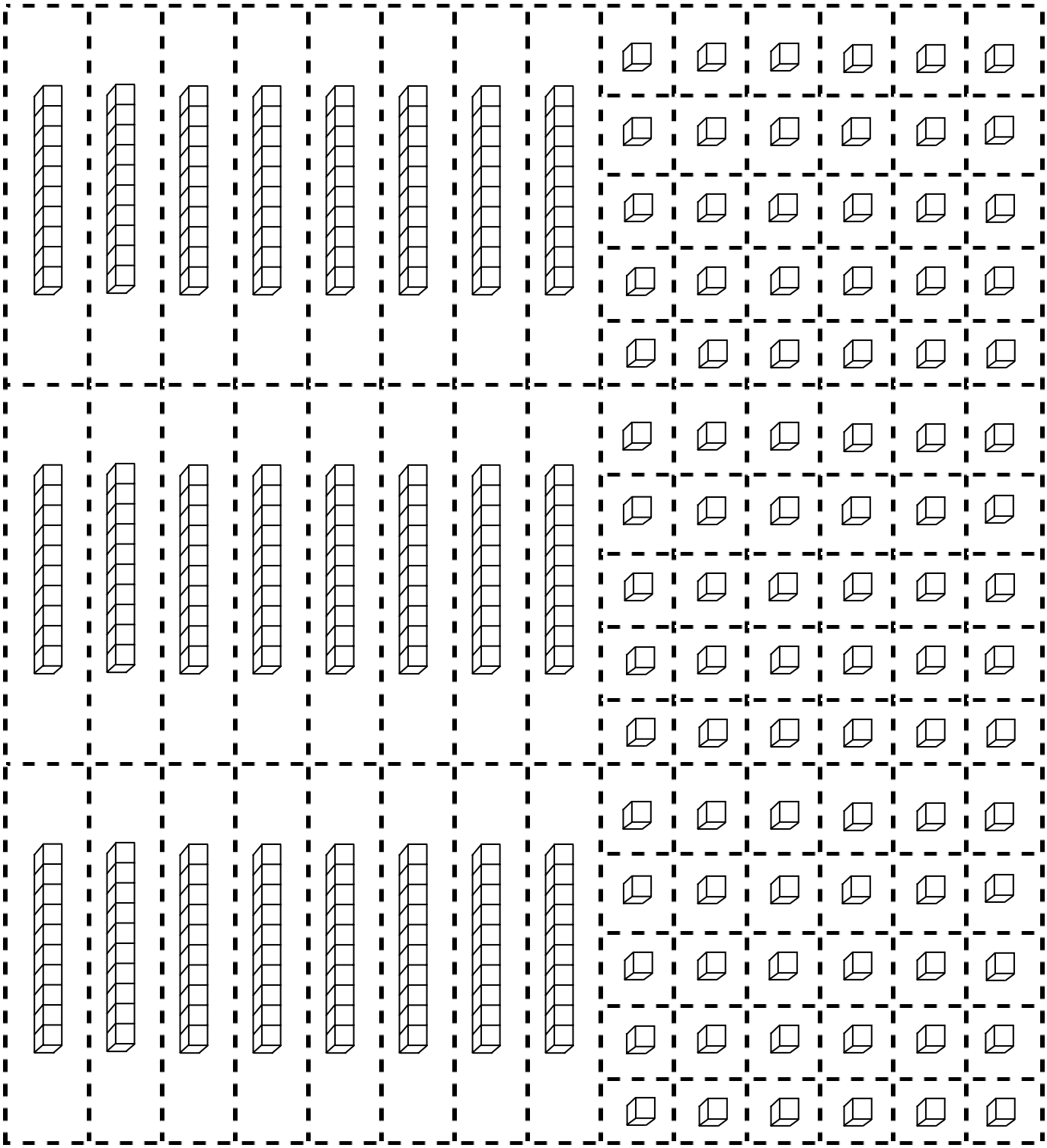
Base Ten Grid Paper



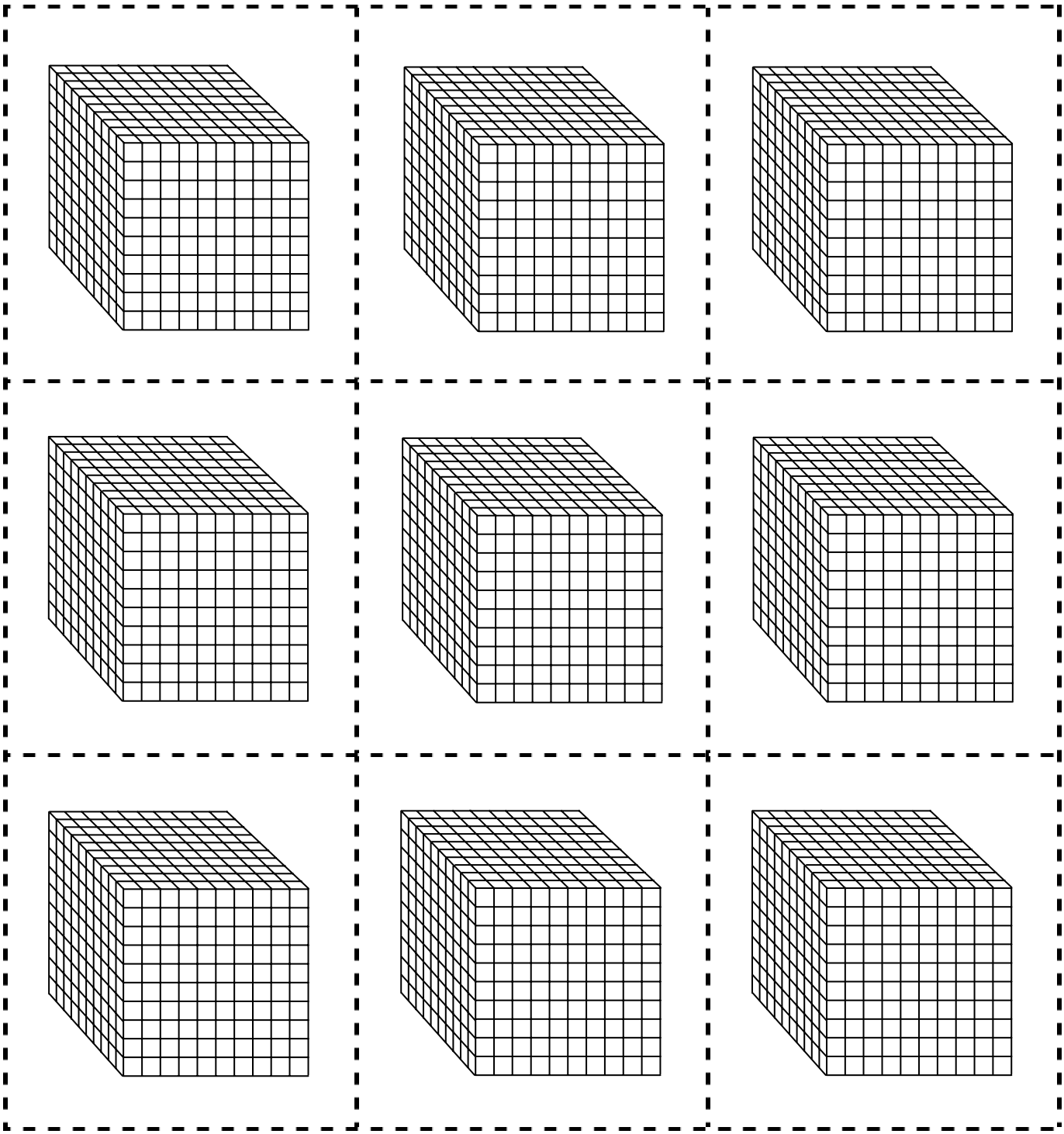
Base 10 Blocks (hundreds)



Base 10 Blocks (tens and ones)



Base 10 Blocks (thousands)



Calendar 1

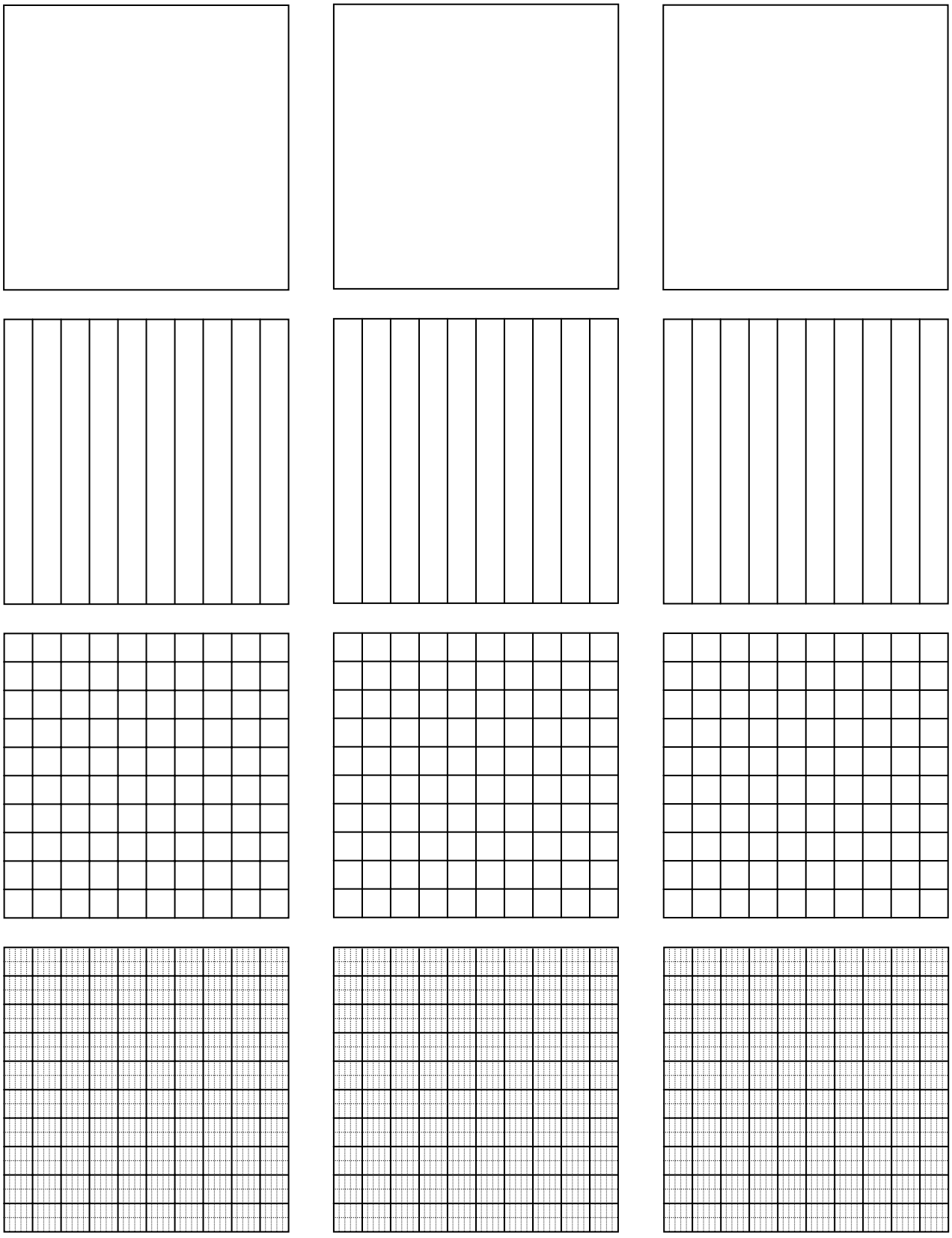
Month: _____ Year: _____

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday

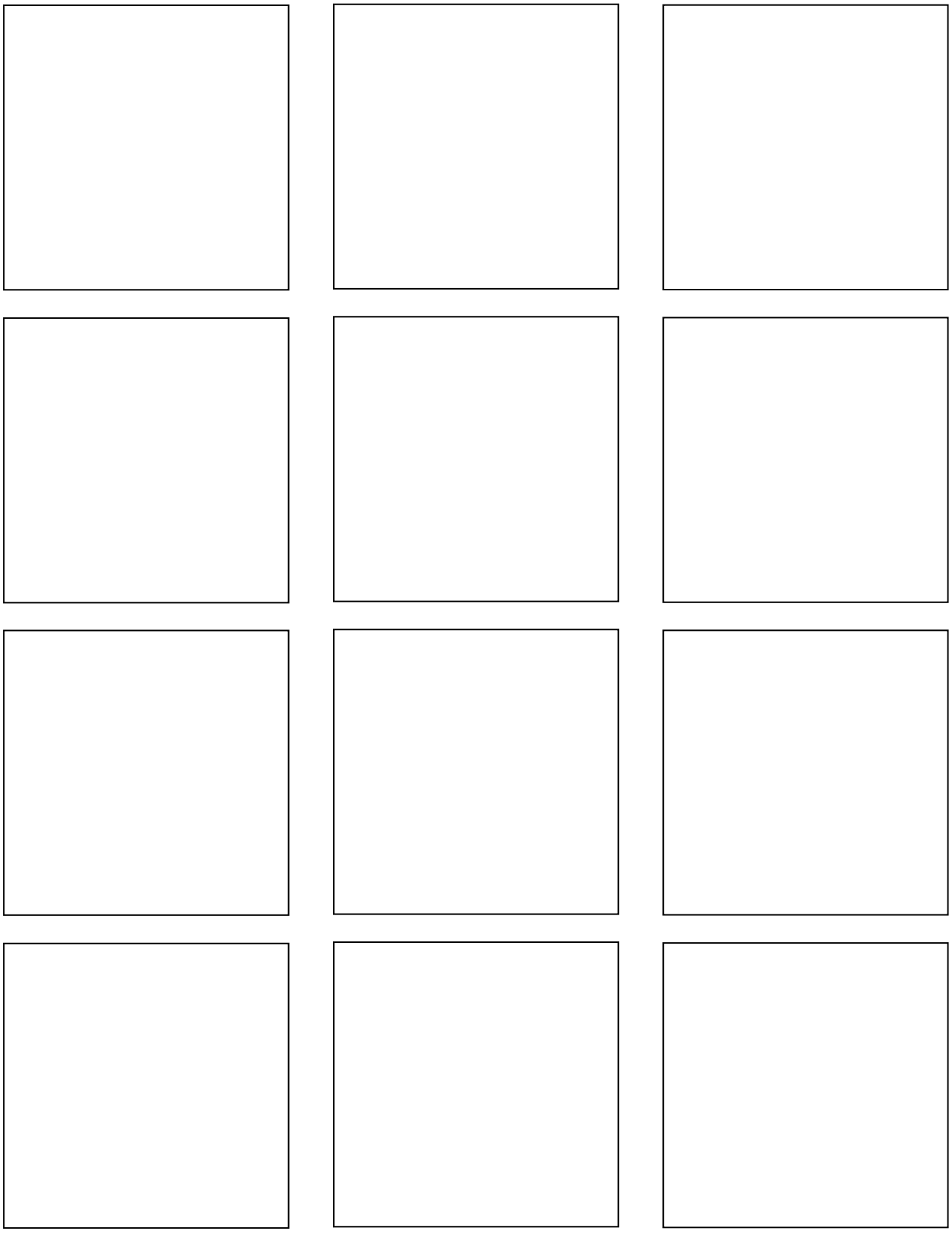
Calendar 2

Month: _____ Year: _____

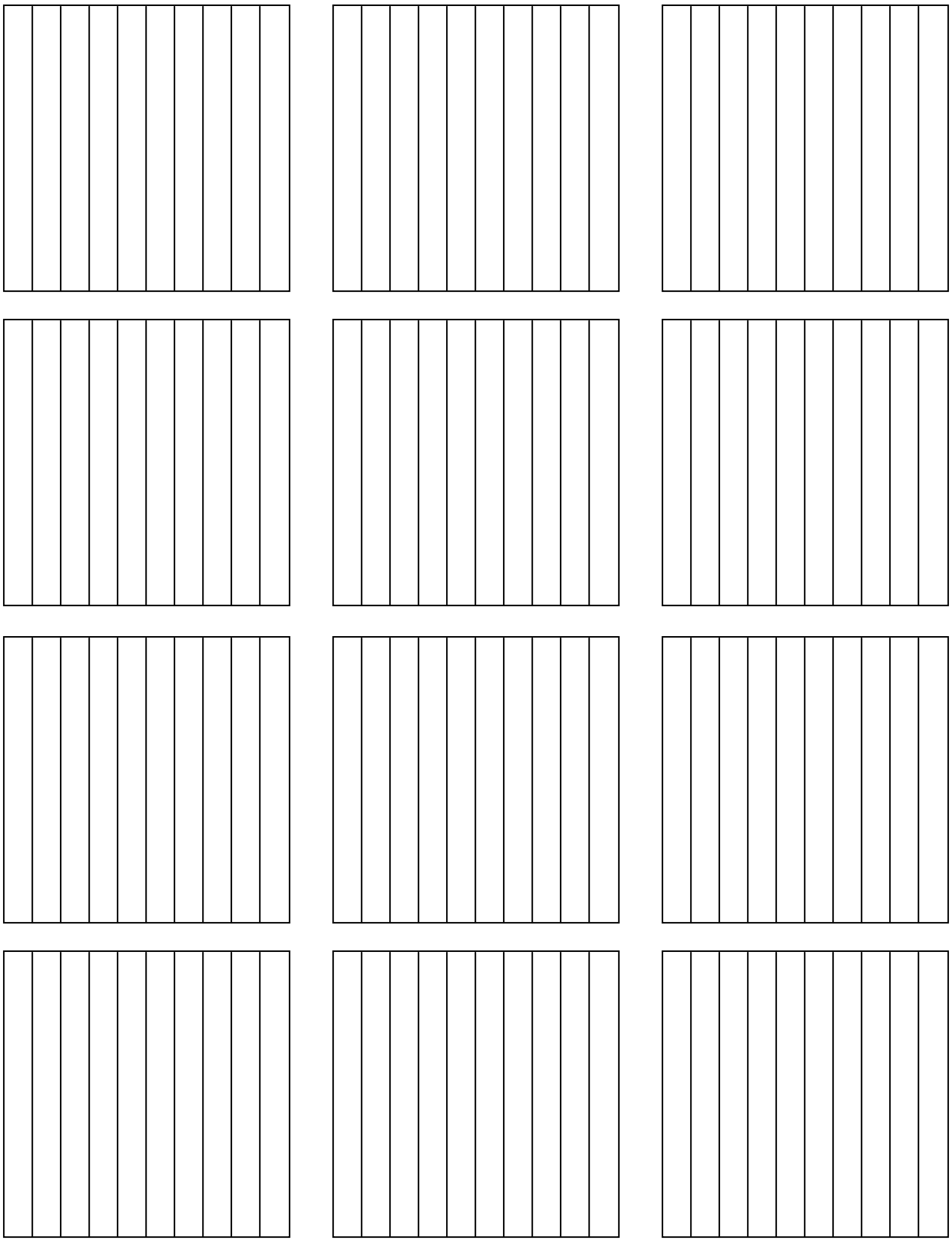
Decimal Squares



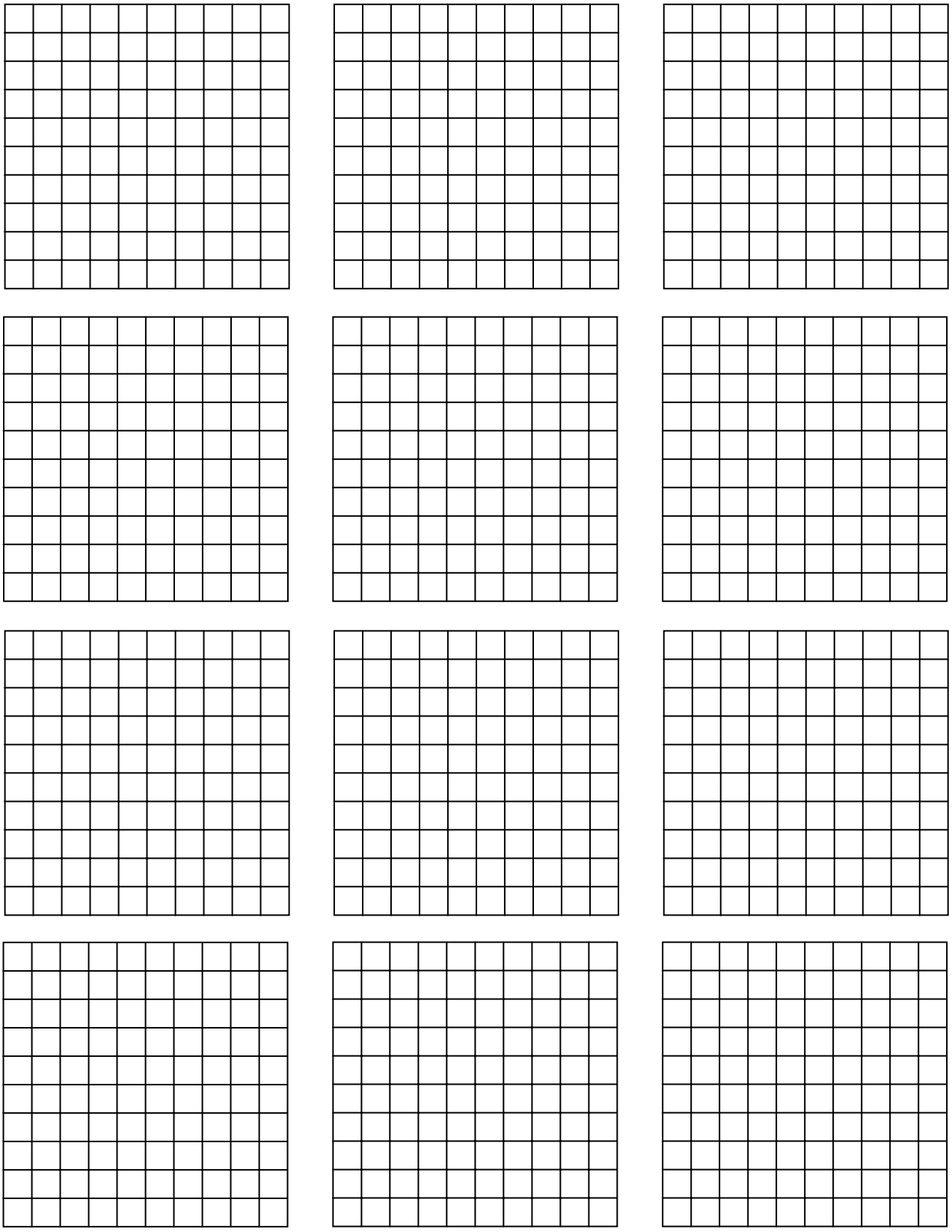
Decimal Squares (wholes)



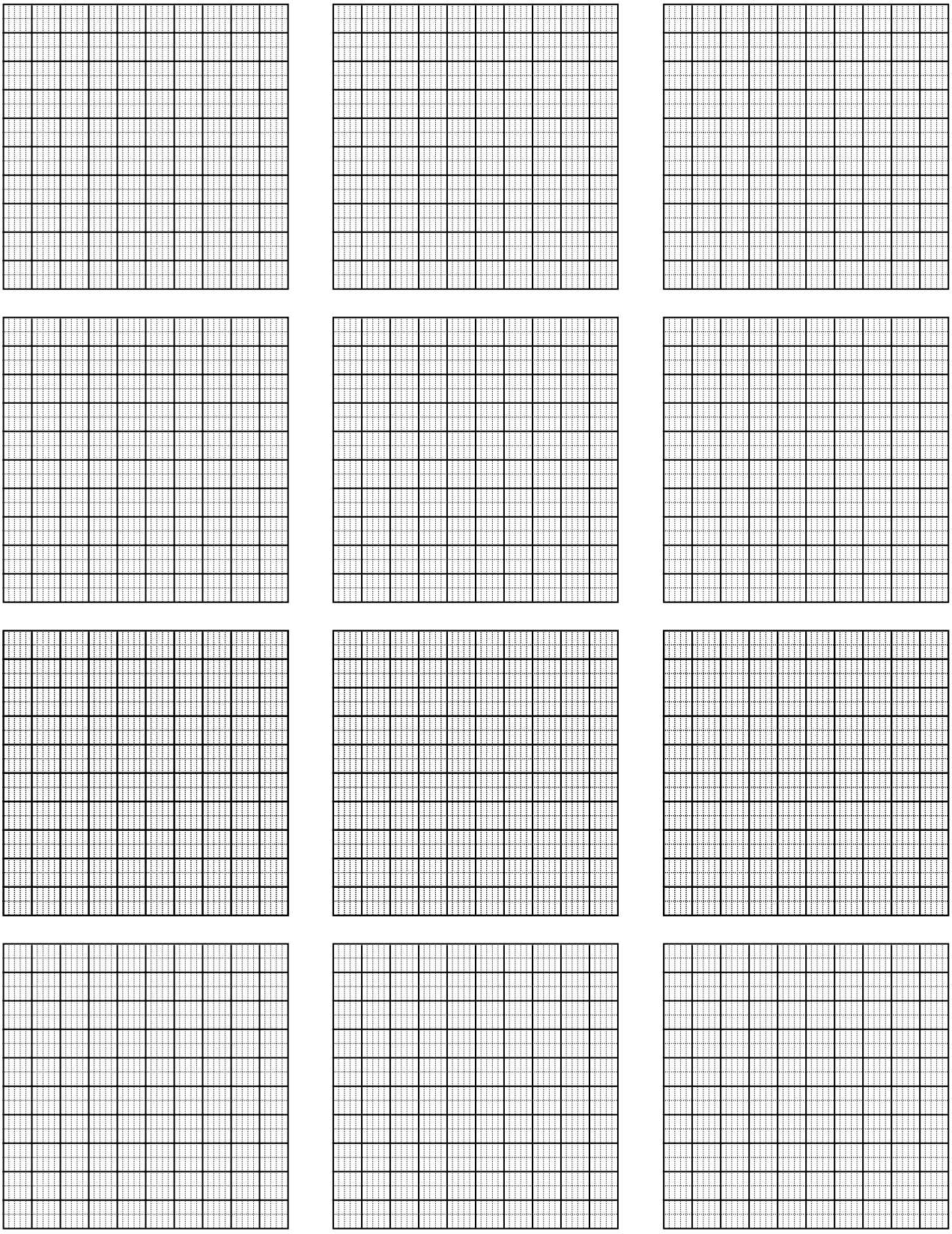
Decimal Squares (tenths)



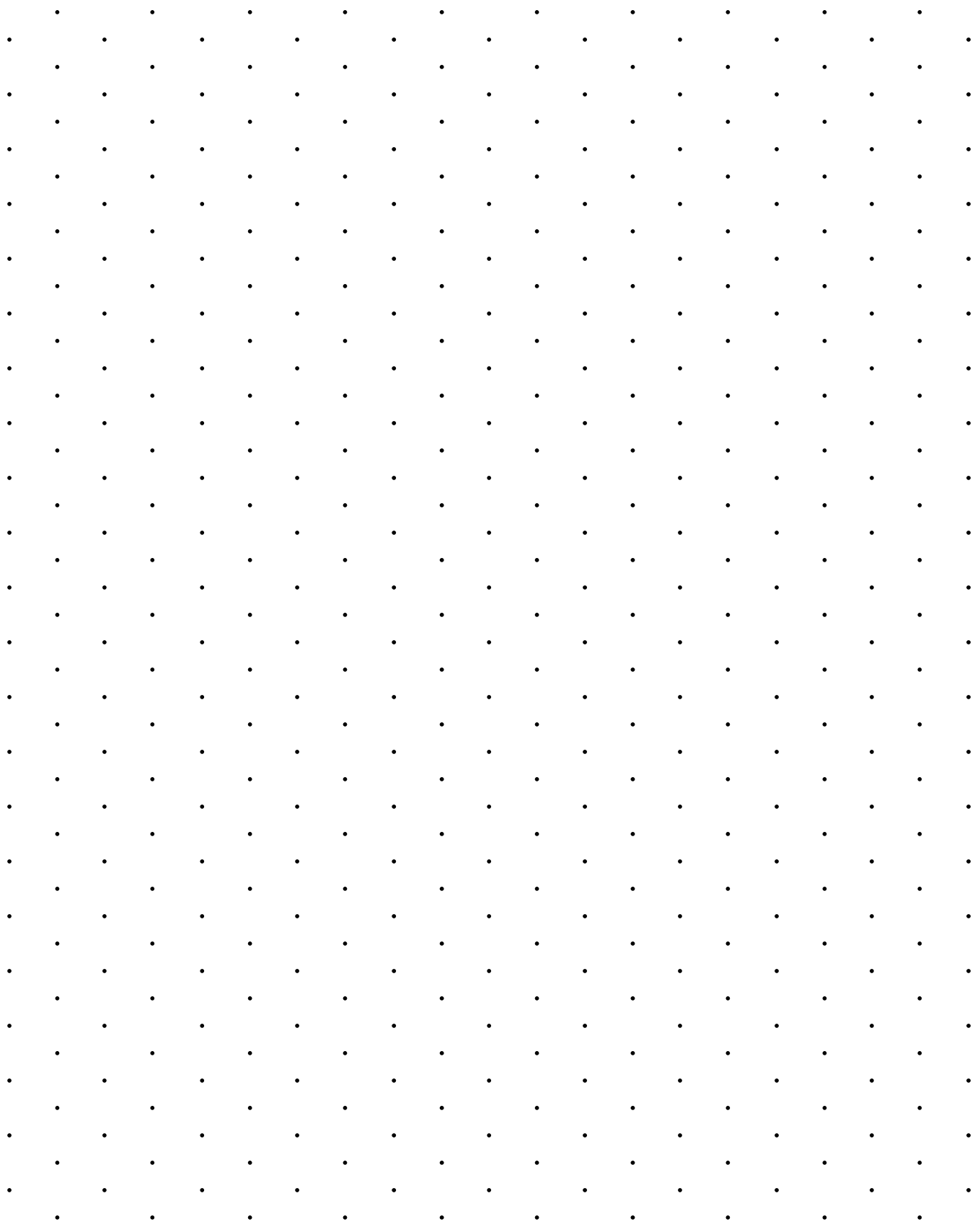
Decimal Squares (hundredths)



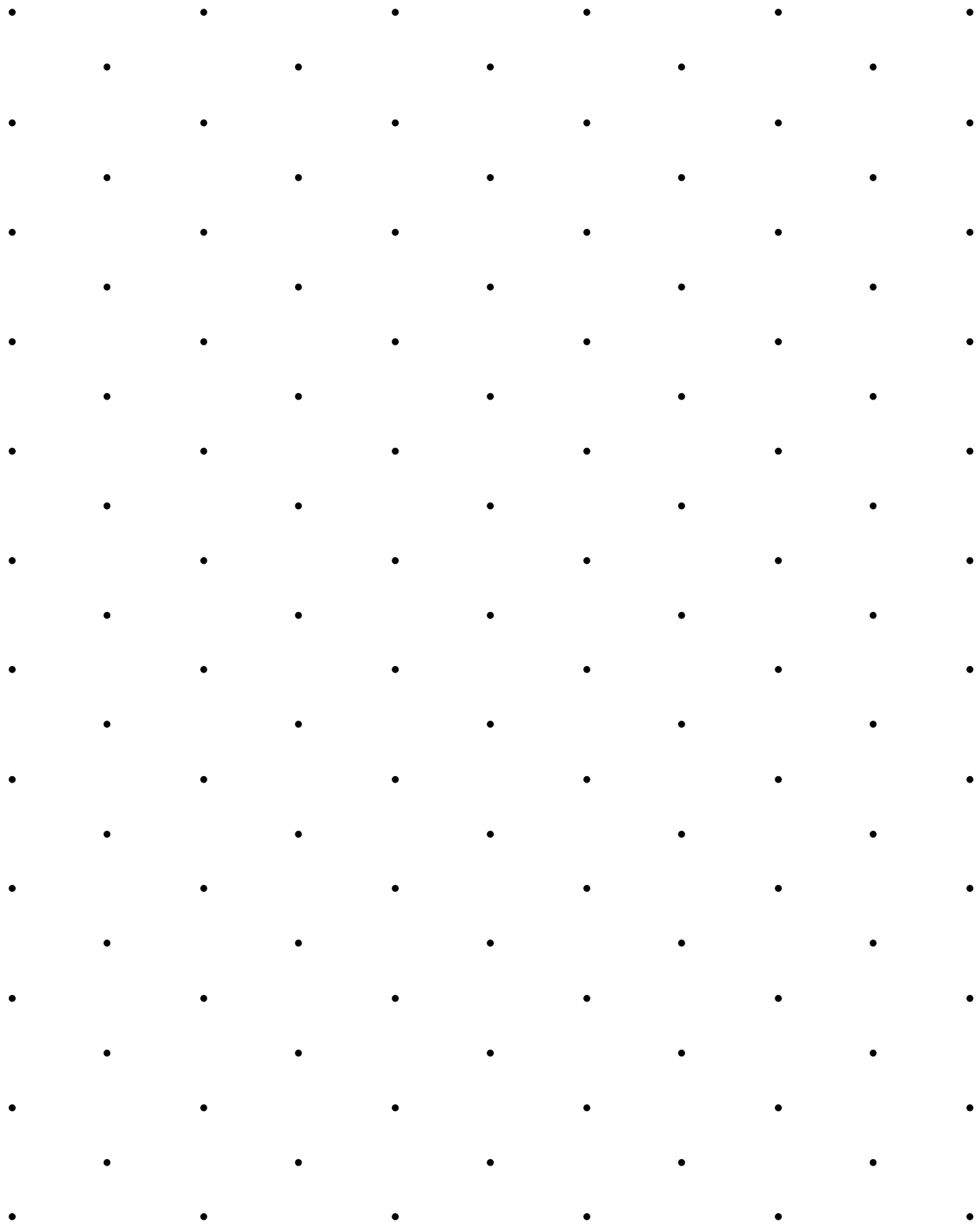
Decimal Squares (thousandths)



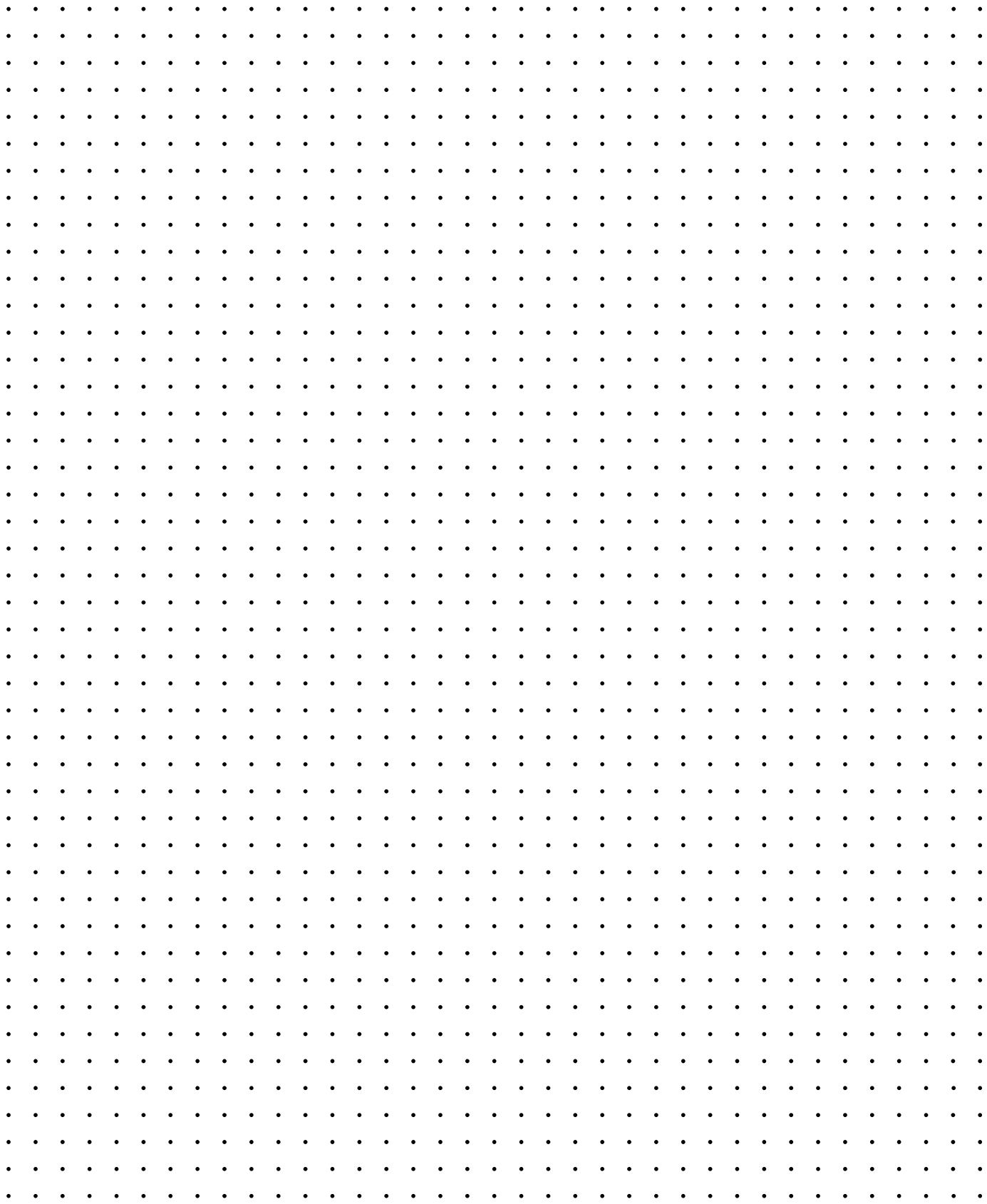
Isometric Dot Paper (1 cm)



Isometric Dot Paper (2 cm)



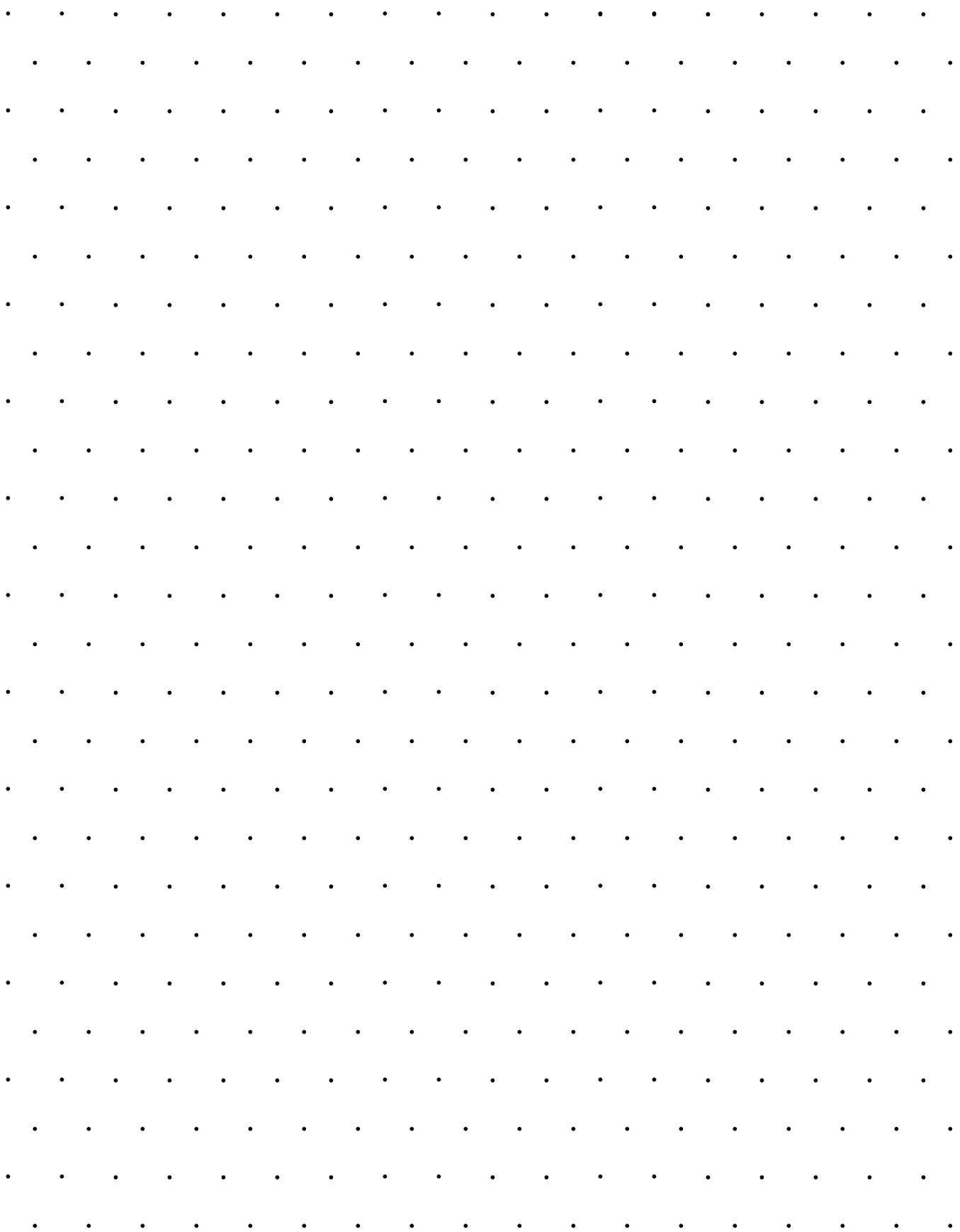
Square Dot Paper (0.5 cm)



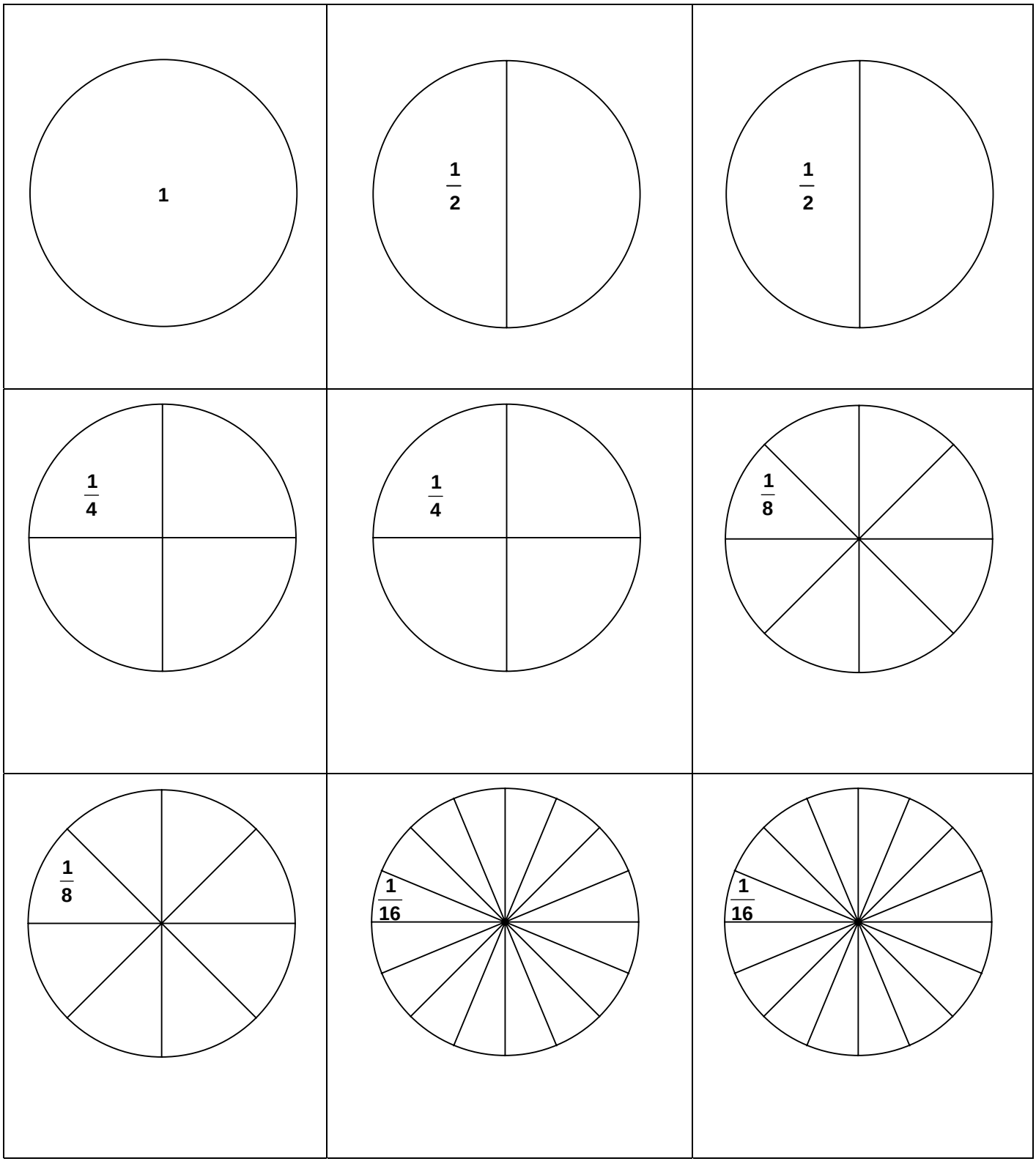
Square Dot Paper (1 cm)

Square Dot Paper (2 cm)

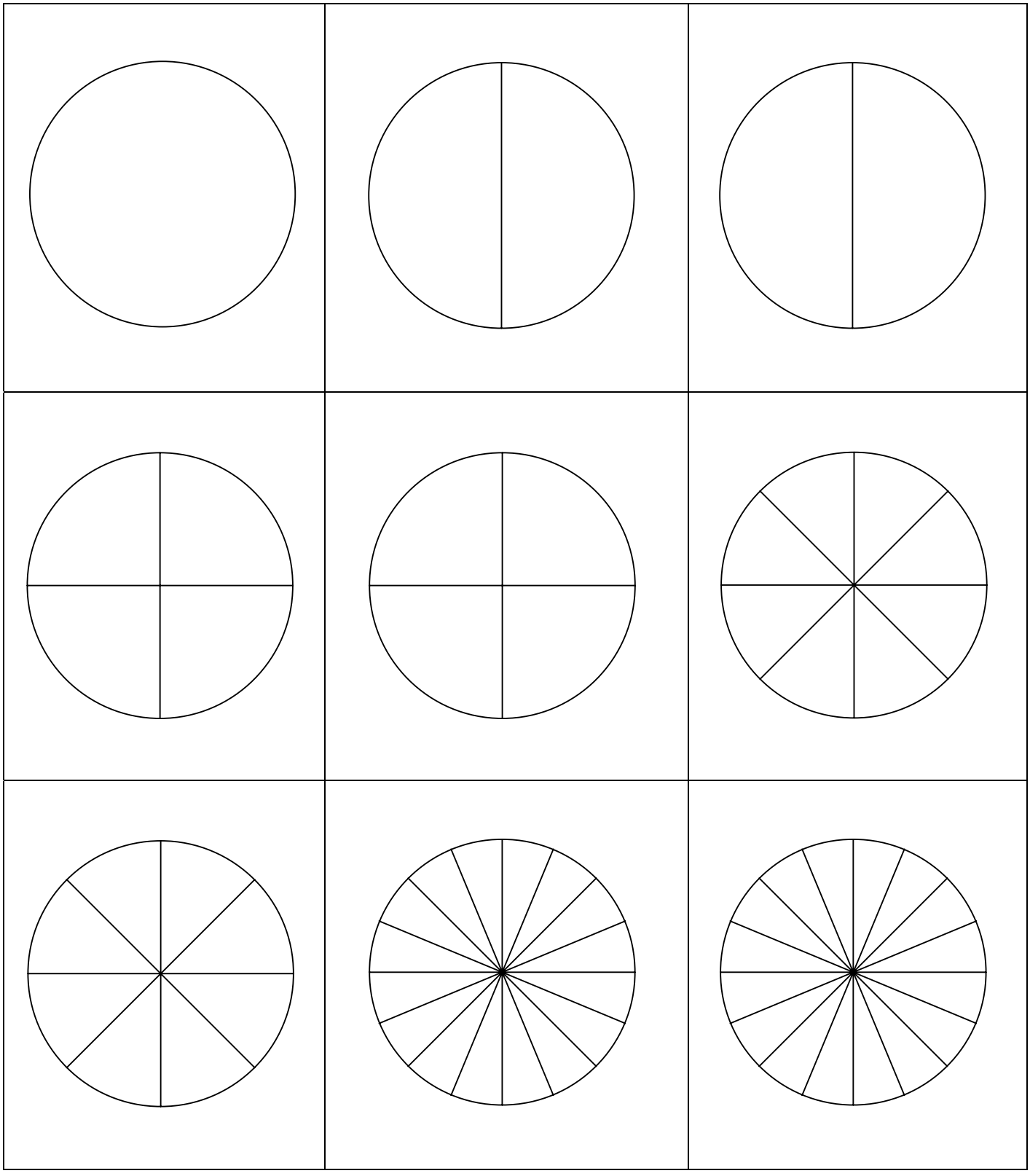
Triangle Dot Paper



Fraction Circles (to sixteenths labelled)



Fraction Circles (to sixteenths unlabelled)

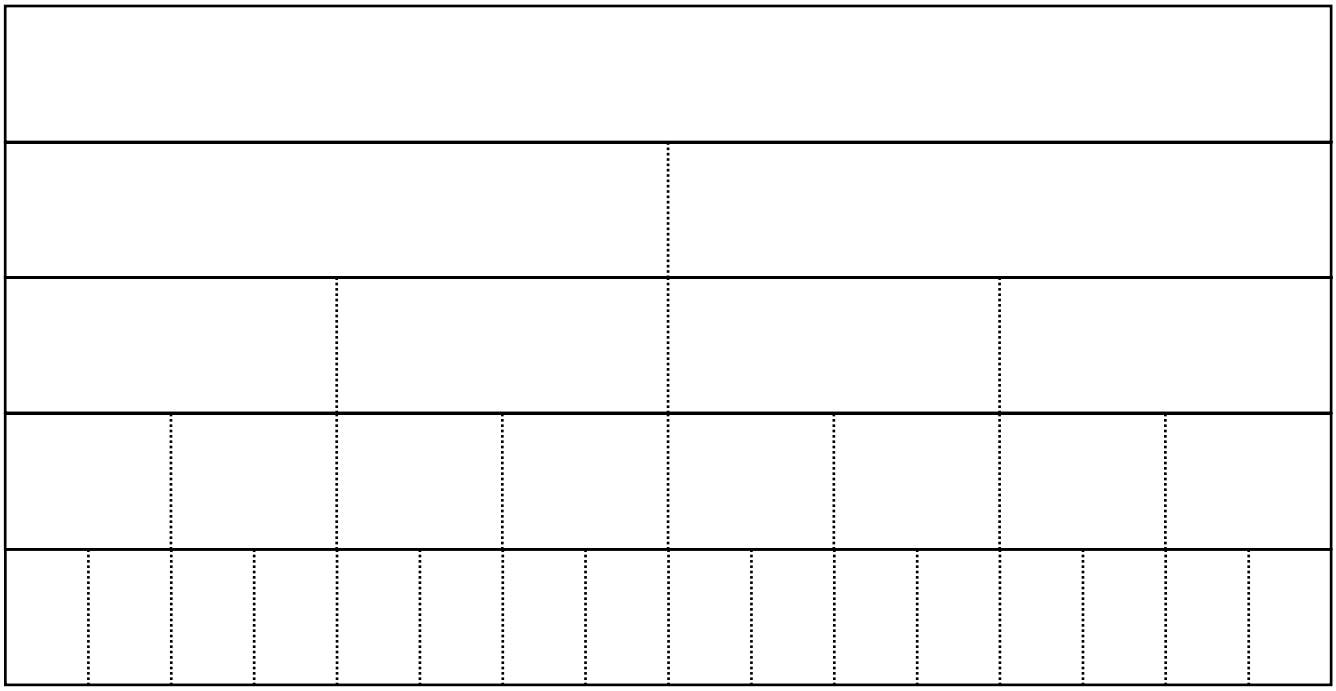


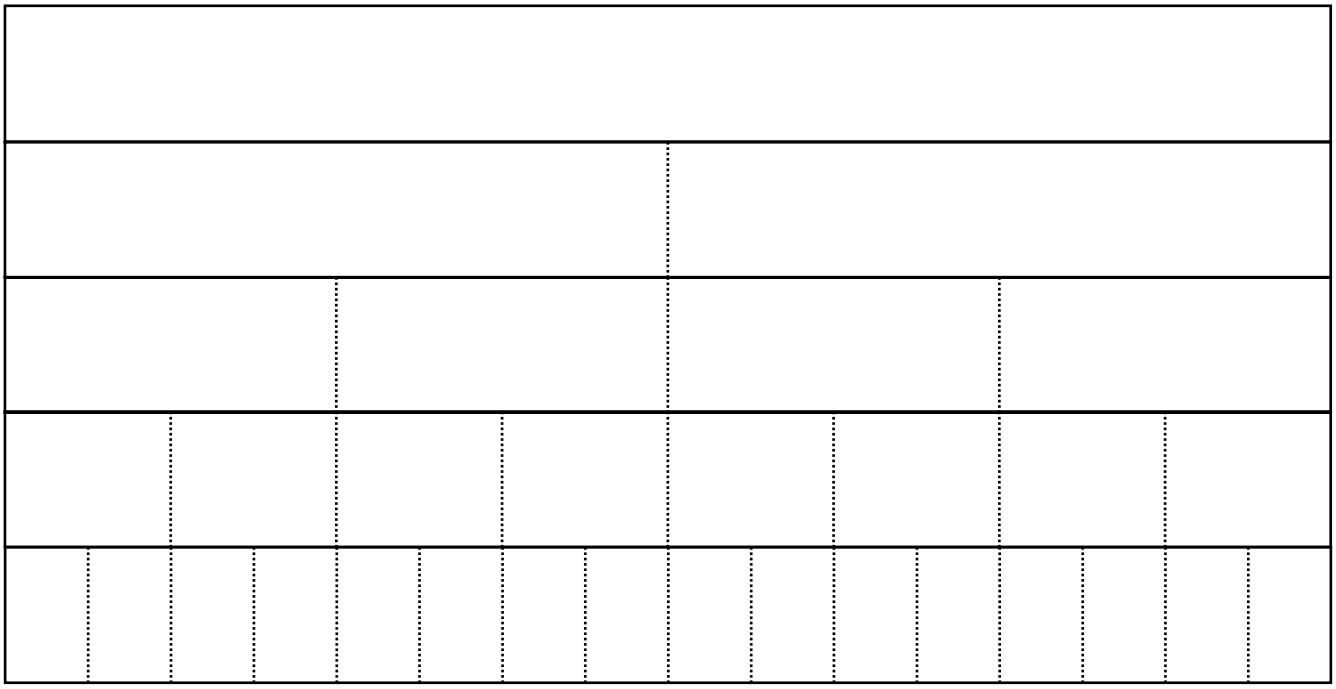
Fraction Strips (to sixteenths labelled)

1															
$\frac{1}{2}$								$\frac{1}{2}$							
$\frac{1}{4}$				$\frac{1}{4}$				$\frac{1}{4}$				$\frac{1}{4}$			
$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$	
$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$

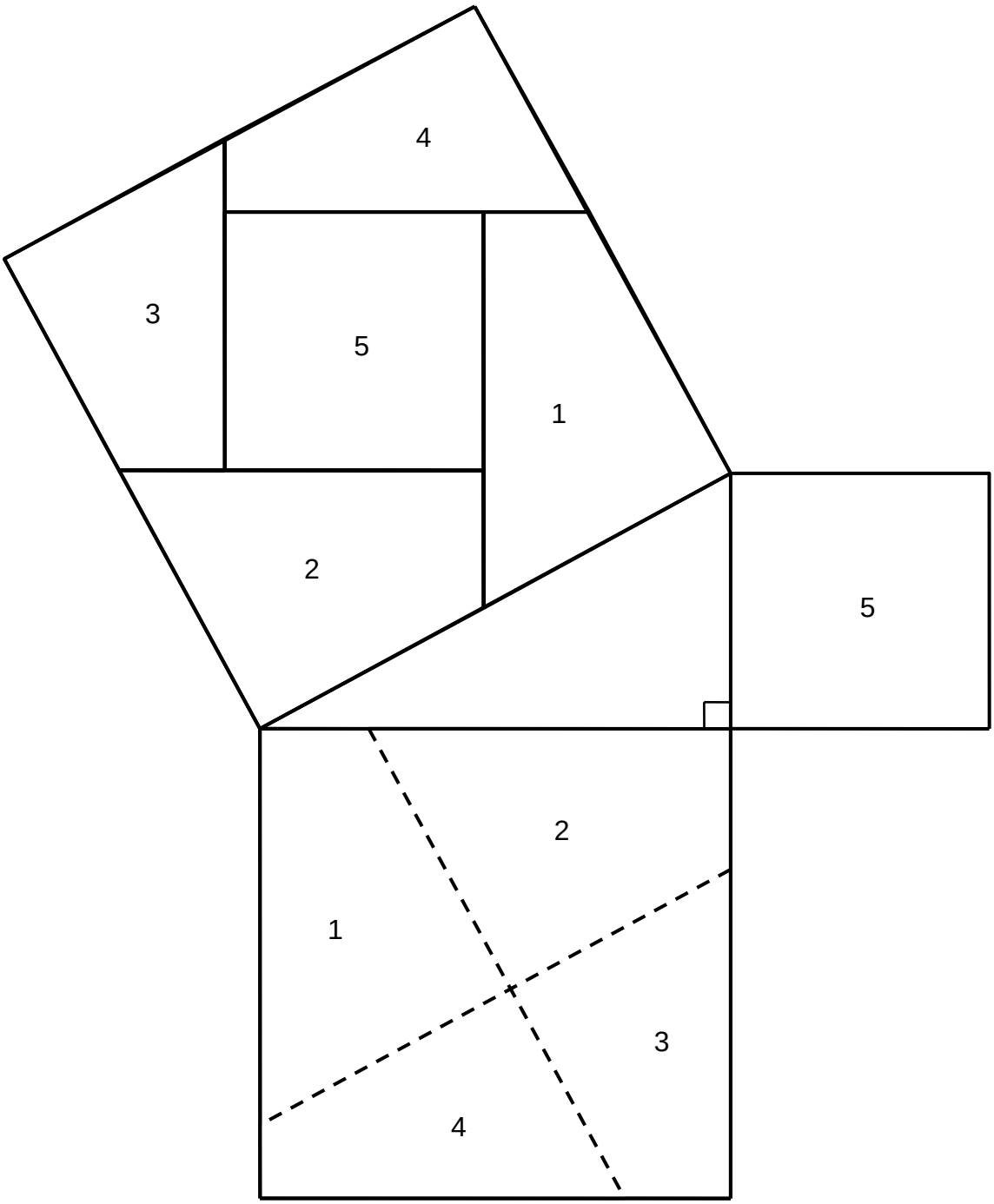
1															
$\frac{1}{2}$								$\frac{1}{2}$							
$\frac{1}{4}$				$\frac{1}{4}$				$\frac{1}{4}$				$\frac{1}{4}$			
$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$	
$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$

Fraction Strips (to sixteenths unlabelled)



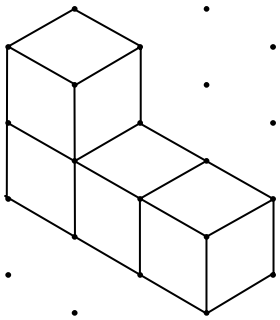


Pythagorean Theorem



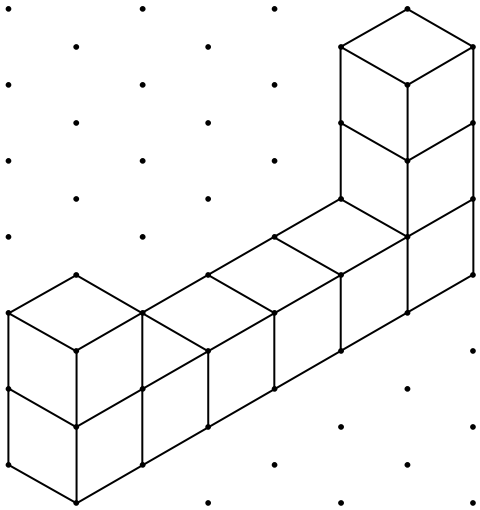
Isometric Drawings 1

Make this structure with your cubes then draw three different views of the structure below.

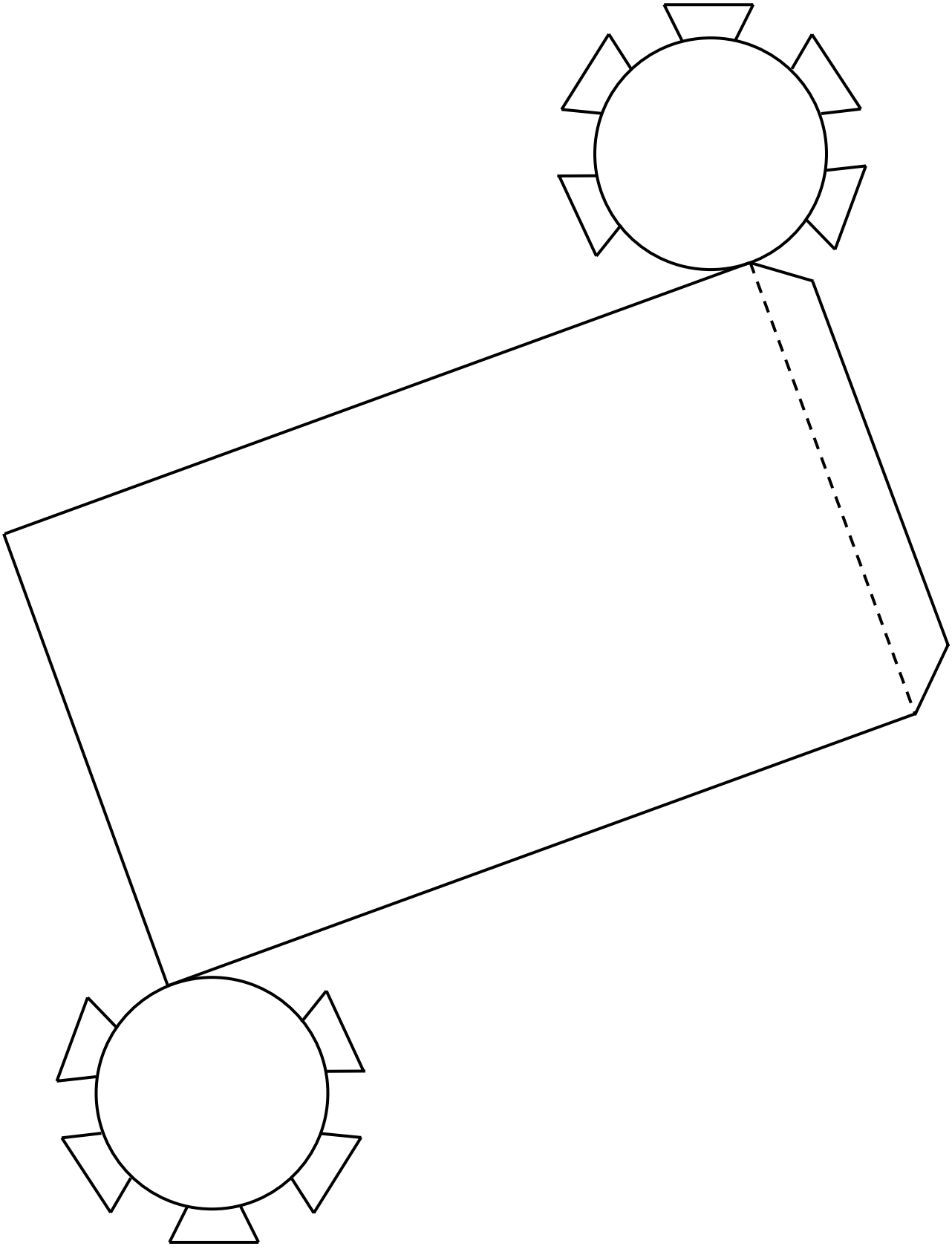


Isometric Drawings 2

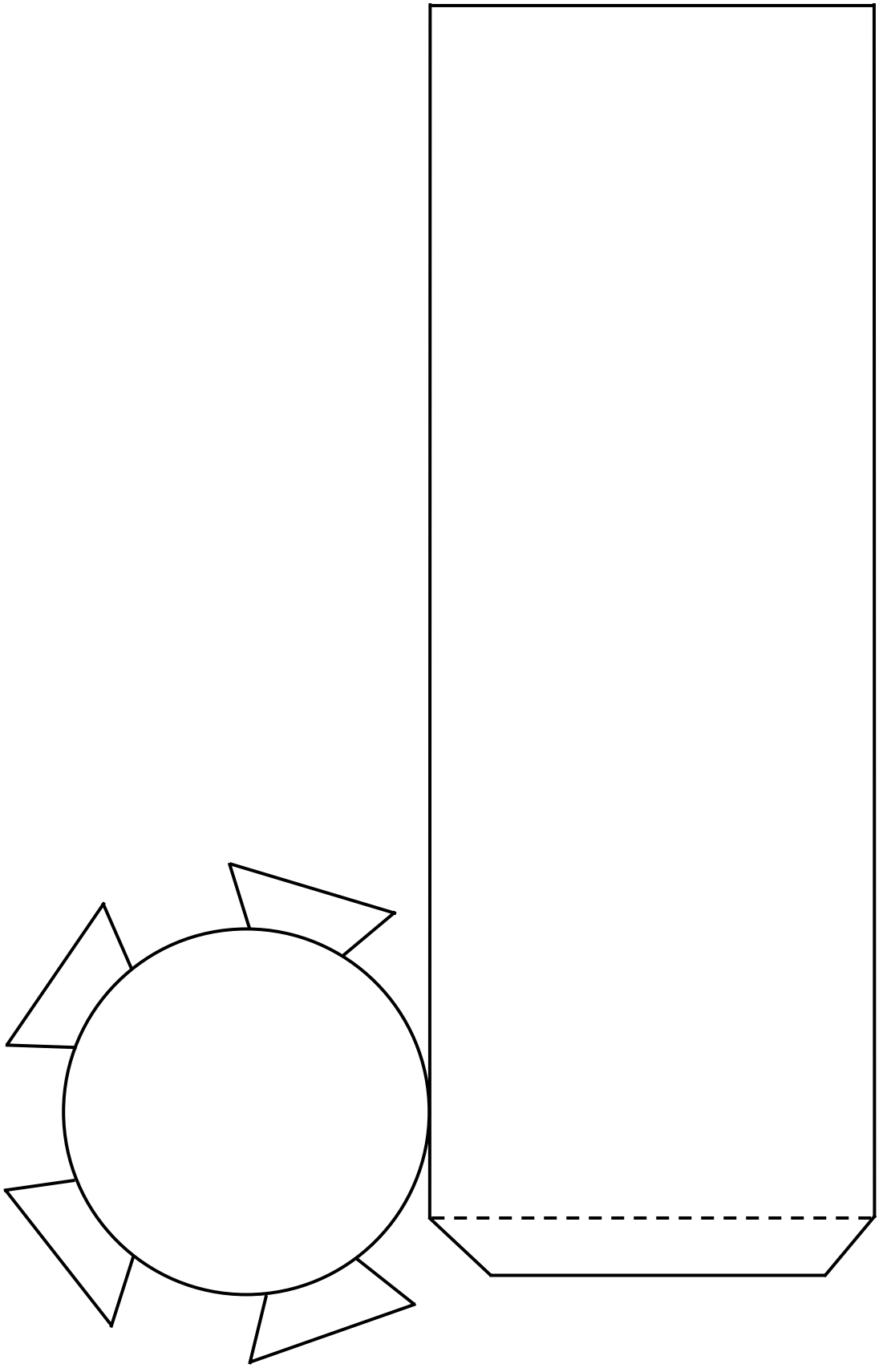
Make this structure with your cubes then draw three different views of the structure below.



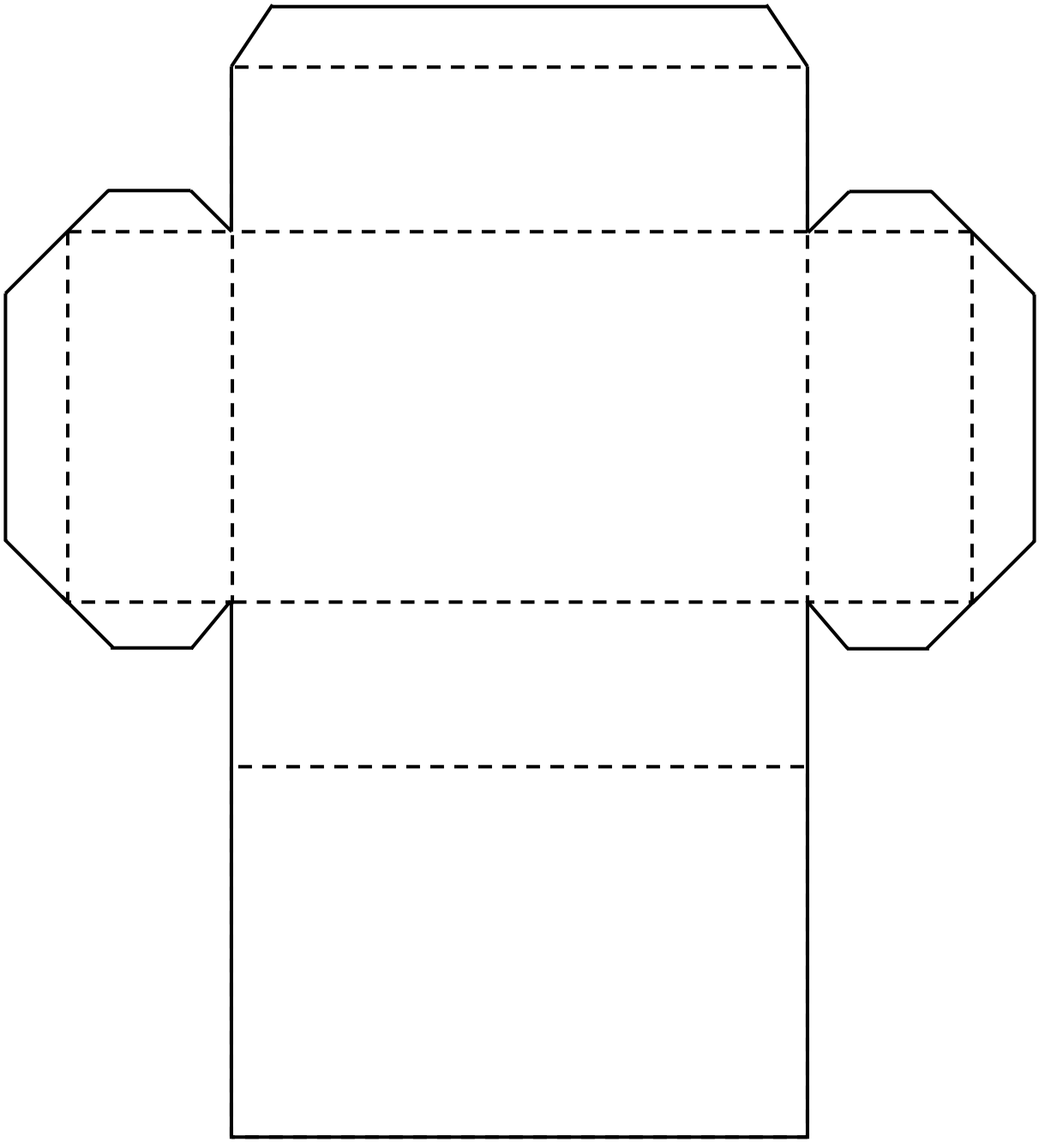
Net (closed cylinder)



Net (open cylinder)

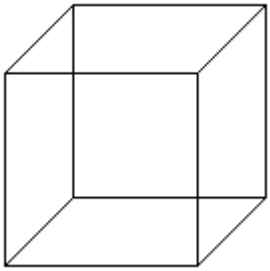


Net (rectangular prism)

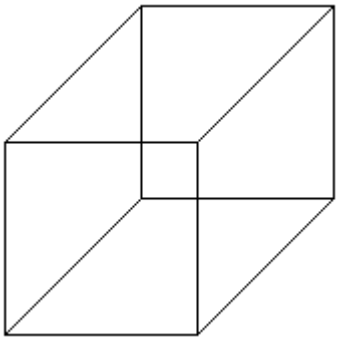


3-D Skeletons

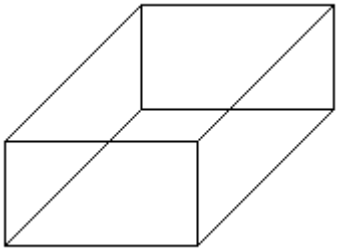
Cube



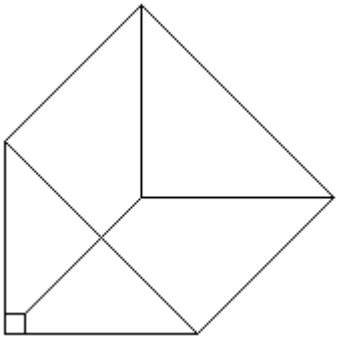
Square prism



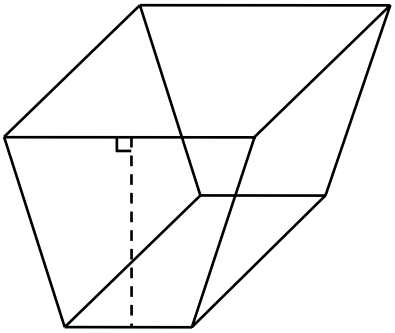
Rectangular prism



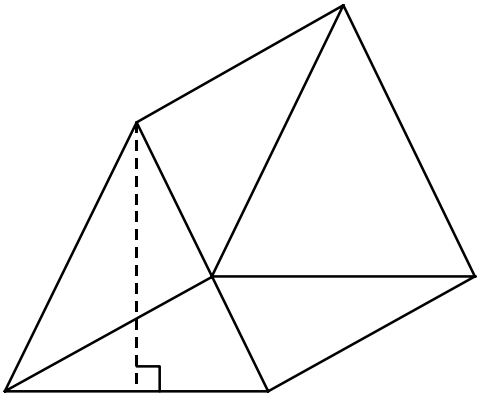
Right triangular prism



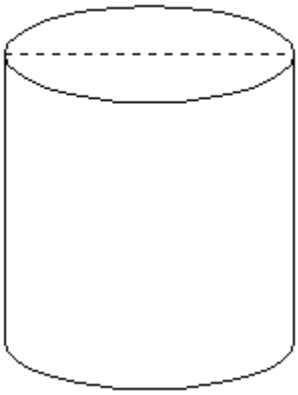
Trapezoidal prism



Isosceles triangular prism



Cylinder 1



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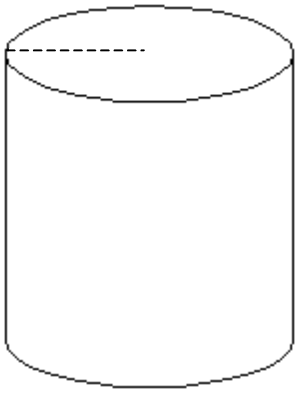
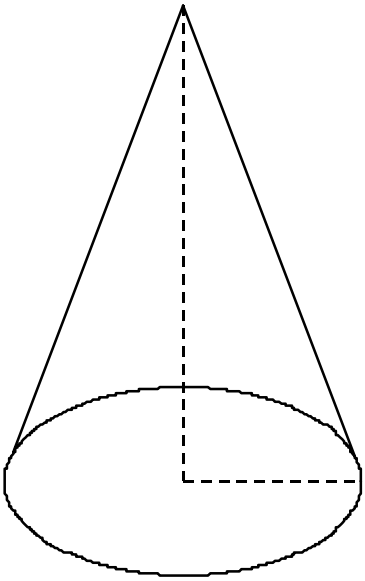
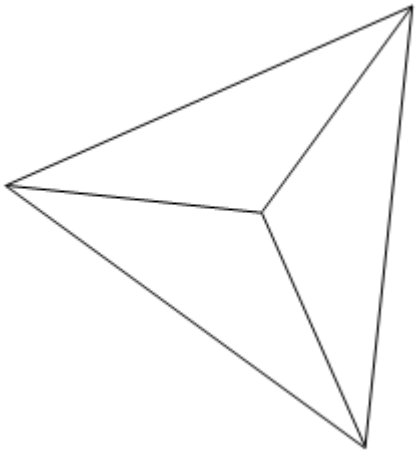


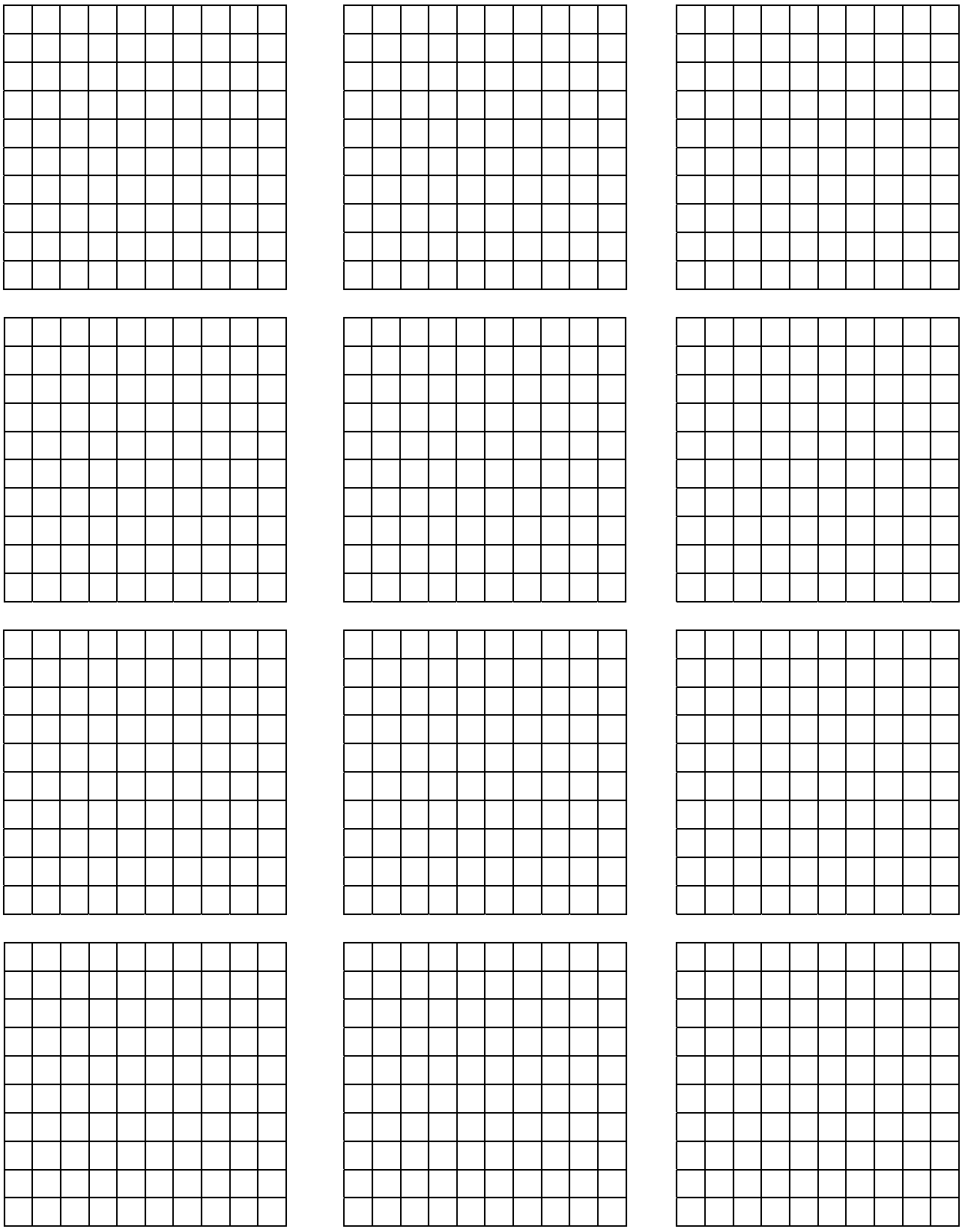
Cone



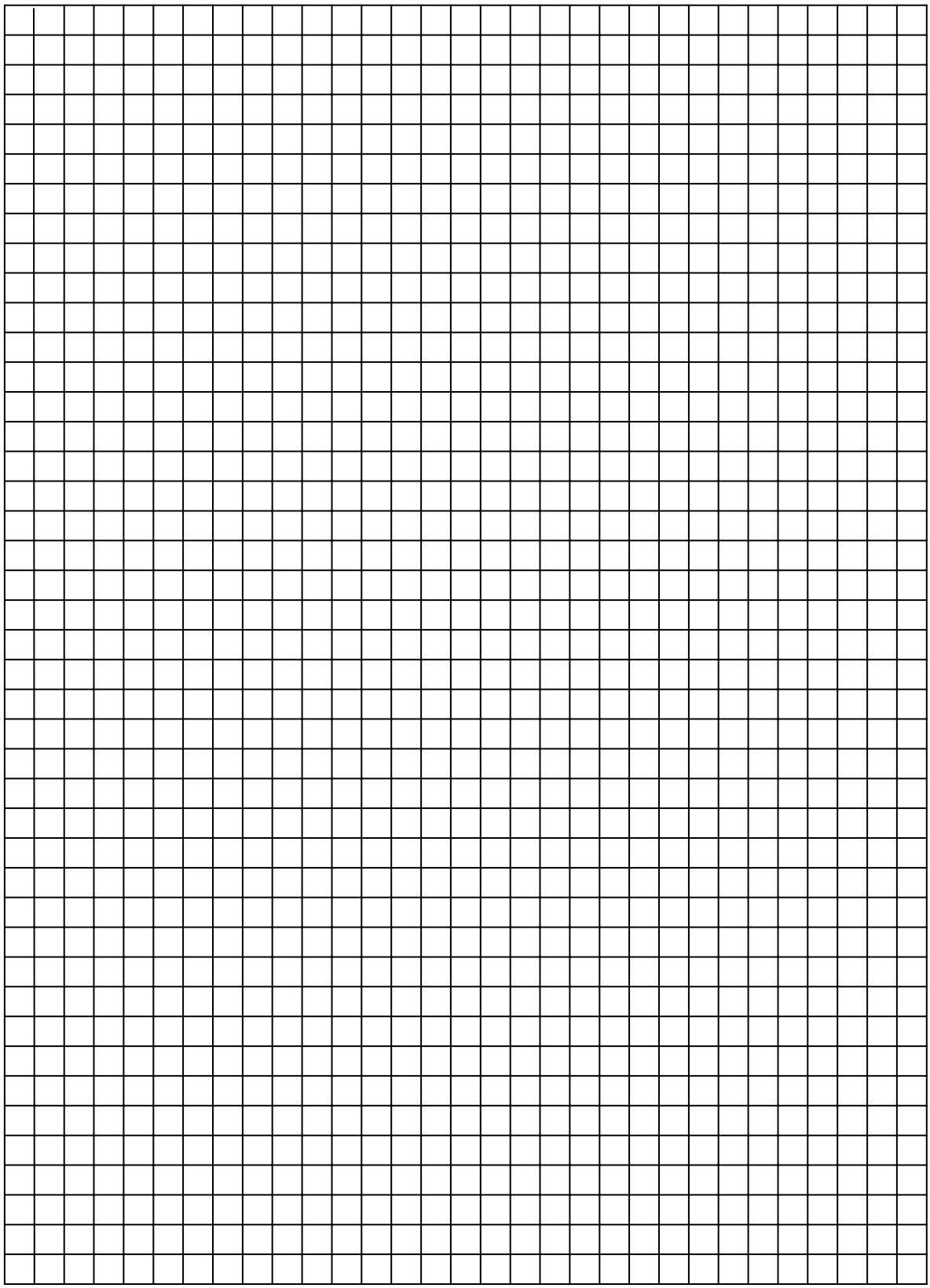
Tetrahedron



Grids (10 X 10)



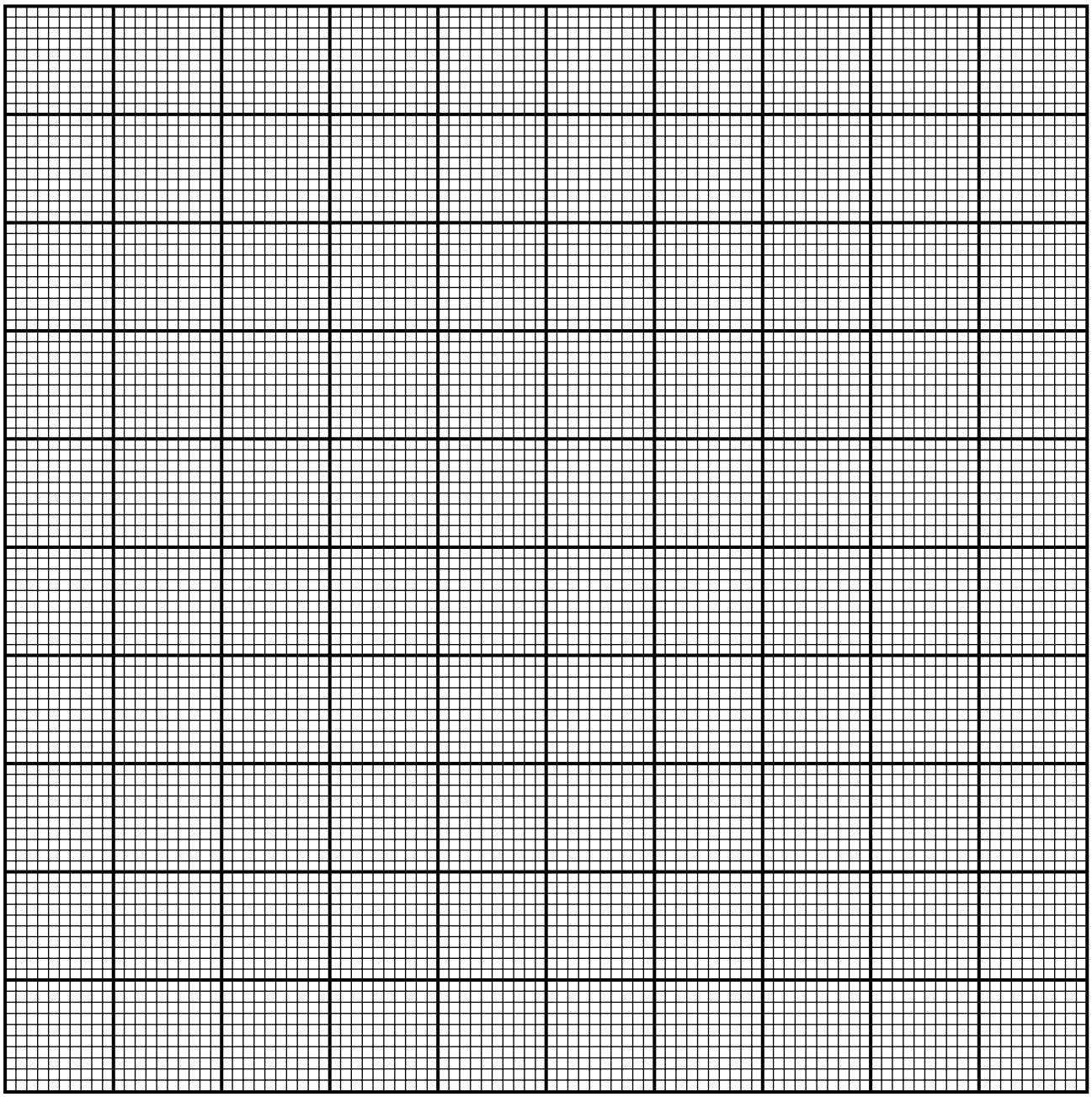
Grid Paper (0.5 cm)



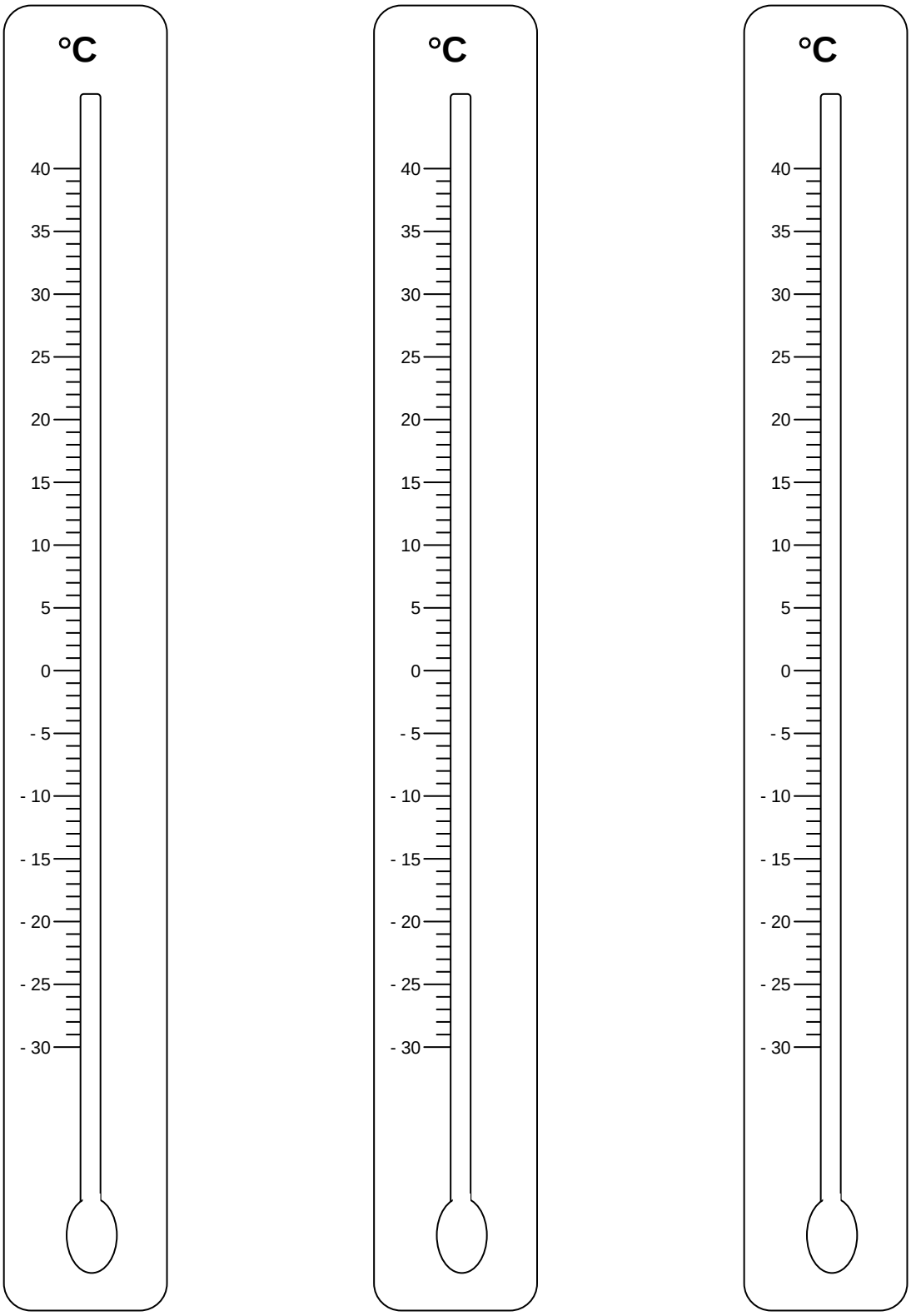
Grid Paper (1.0 cm)

Grid Paper (2.0 cm)

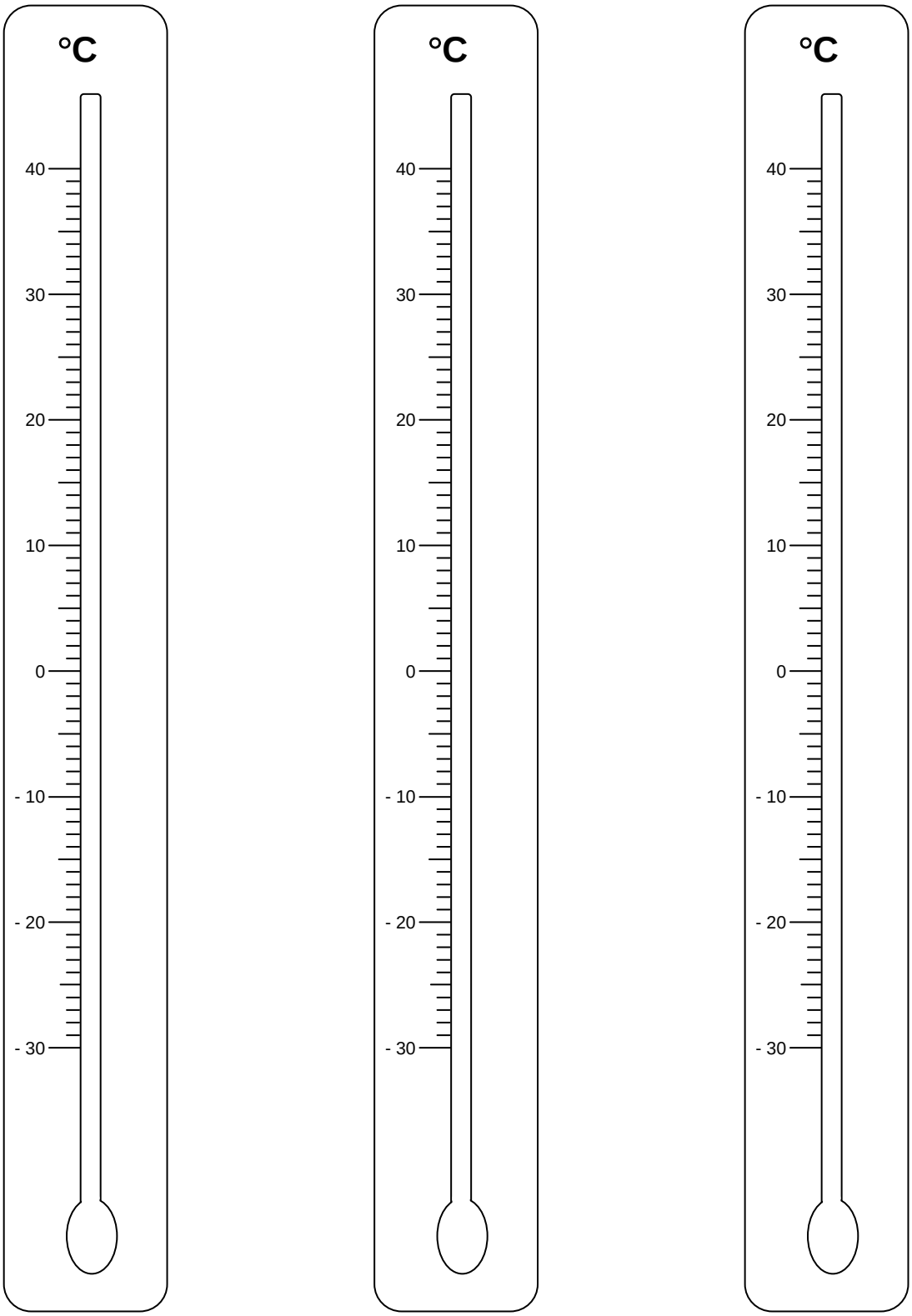
Ten Thousands Grid



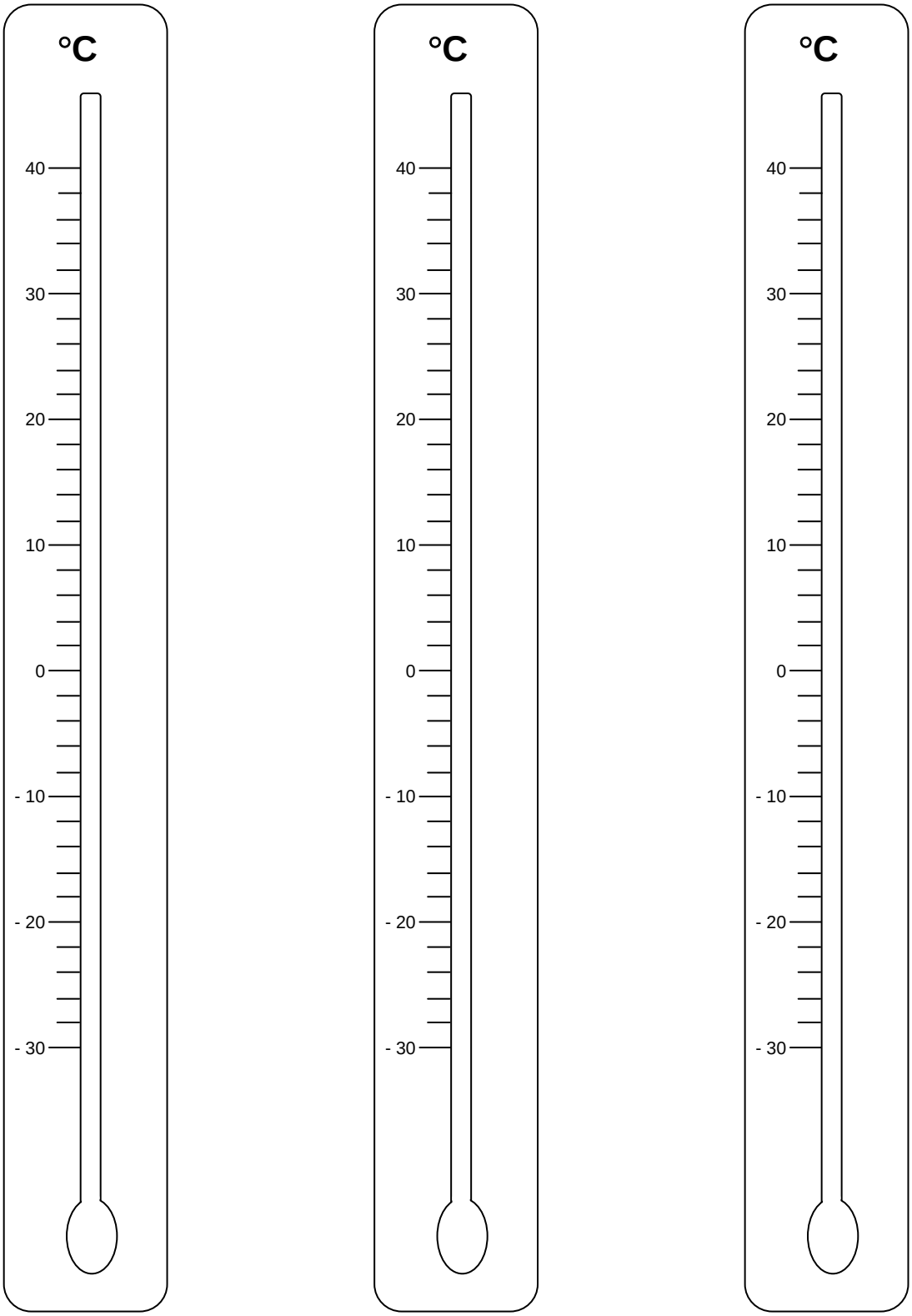
Thermometers 1



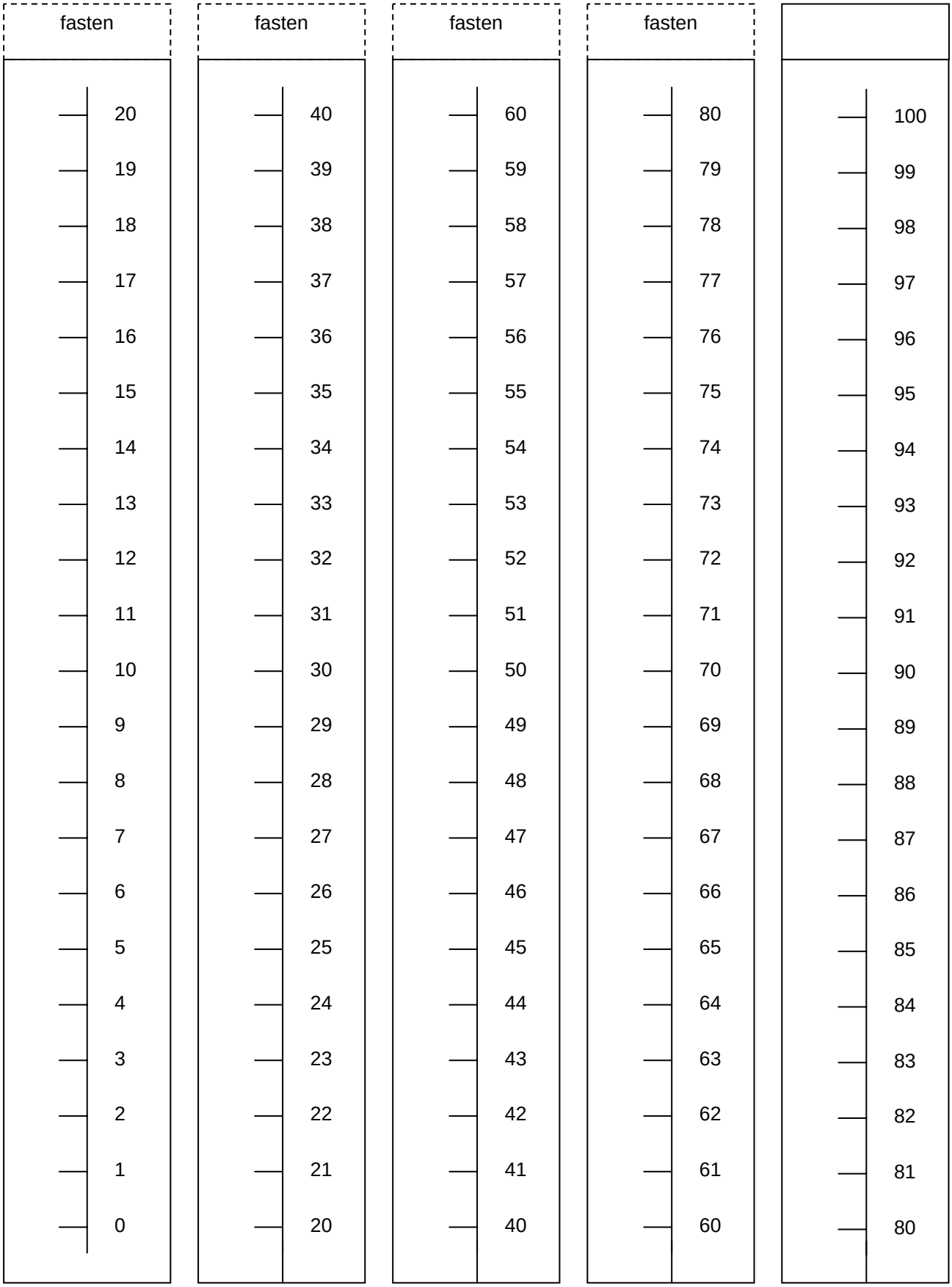
Thermometers 2



Thermometers 3



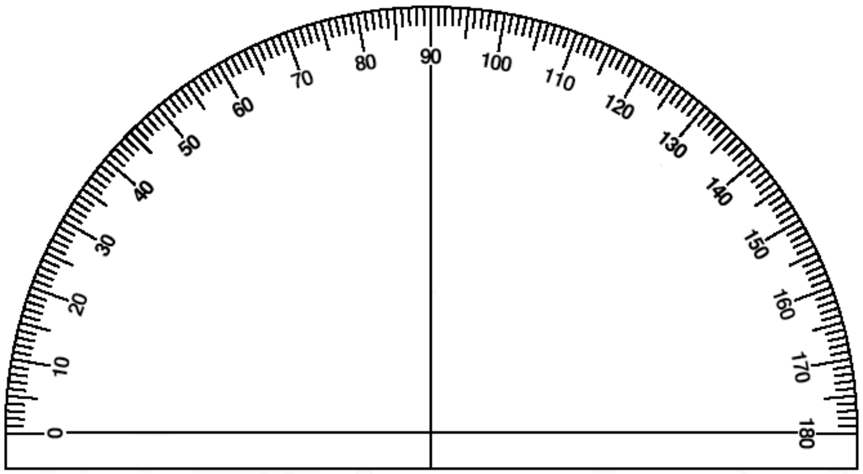
Number Strips (100 cm)

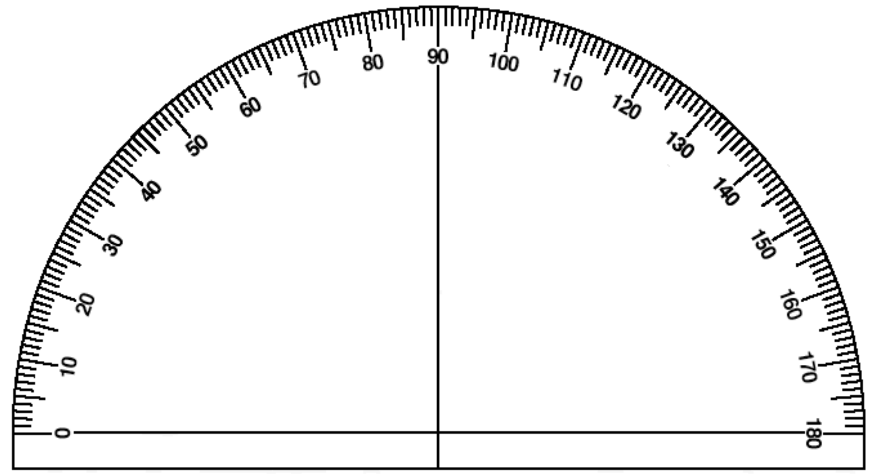


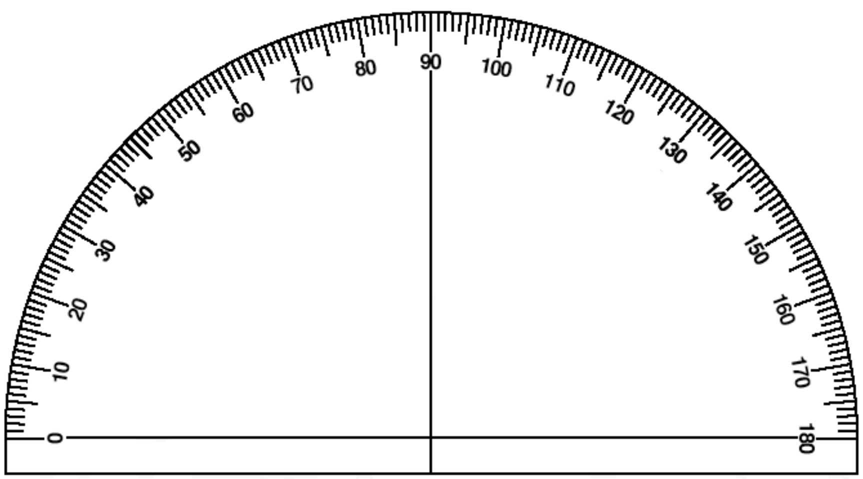
Measurement Recording Sheet

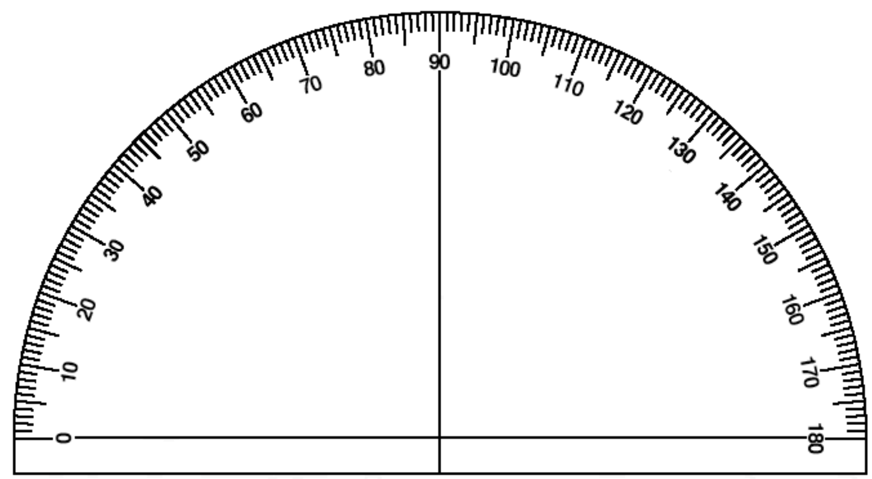
The object I measured	This is what I used to measure	This is my estimate	This is the actual measure

Protractors

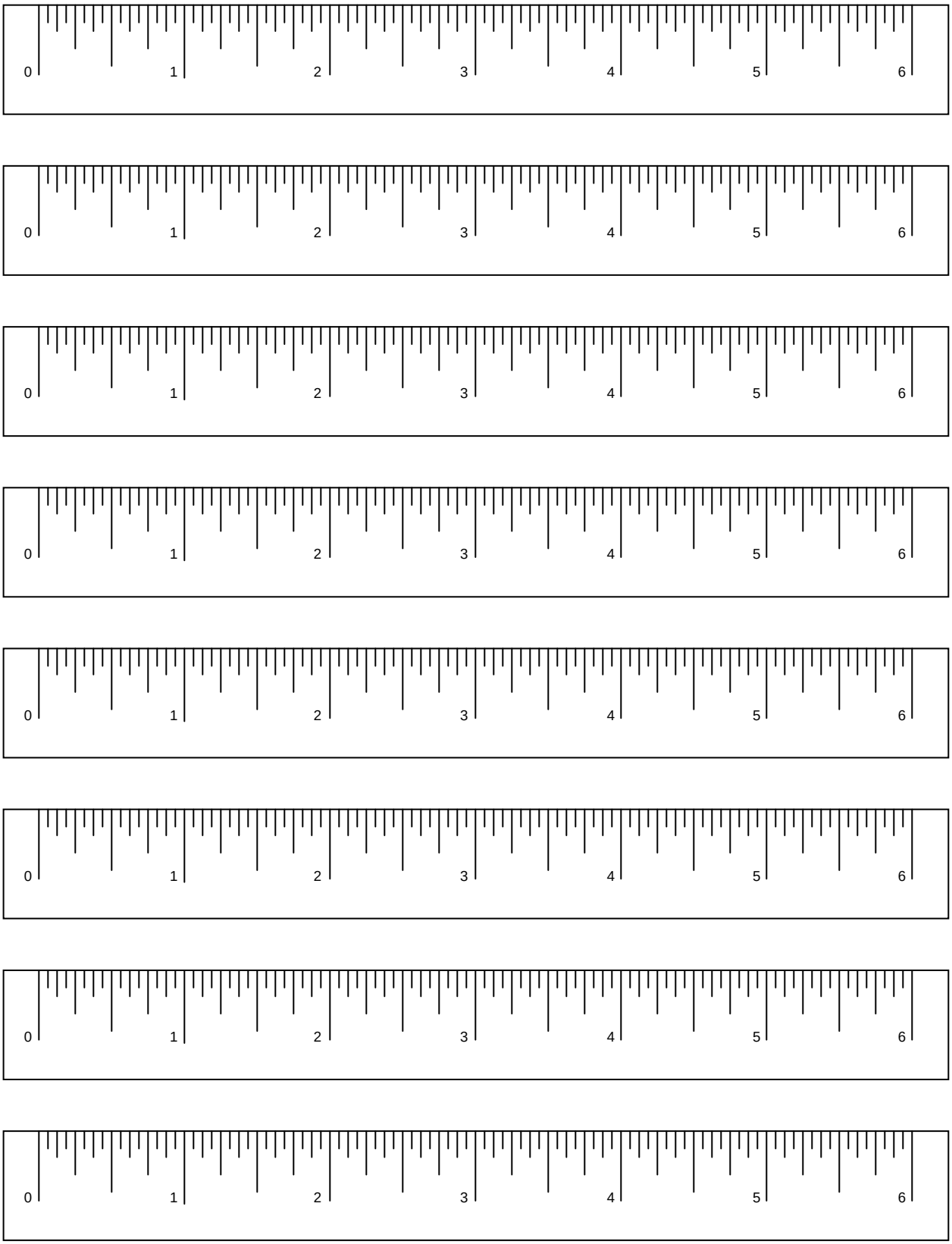




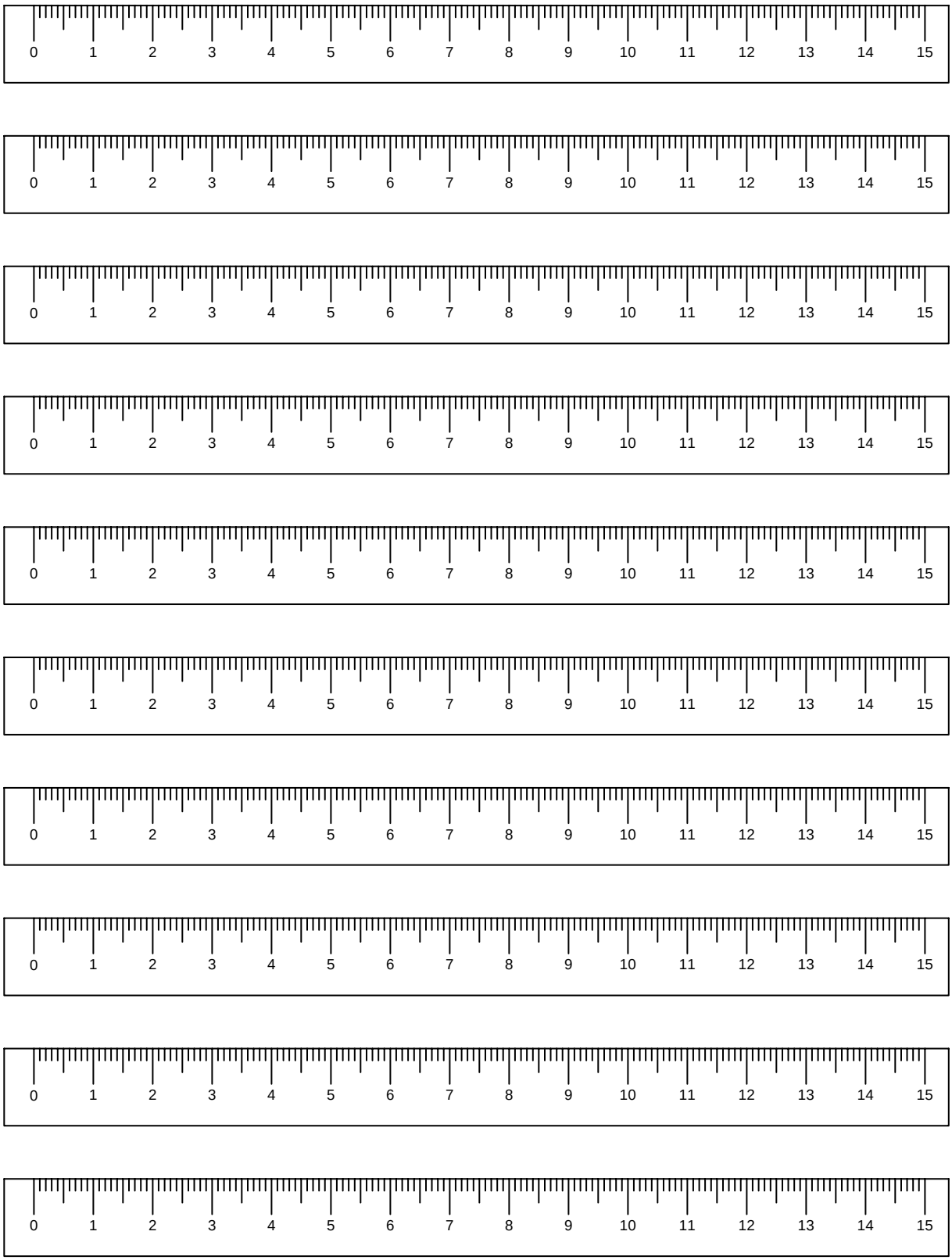




Rulers (6 inch)

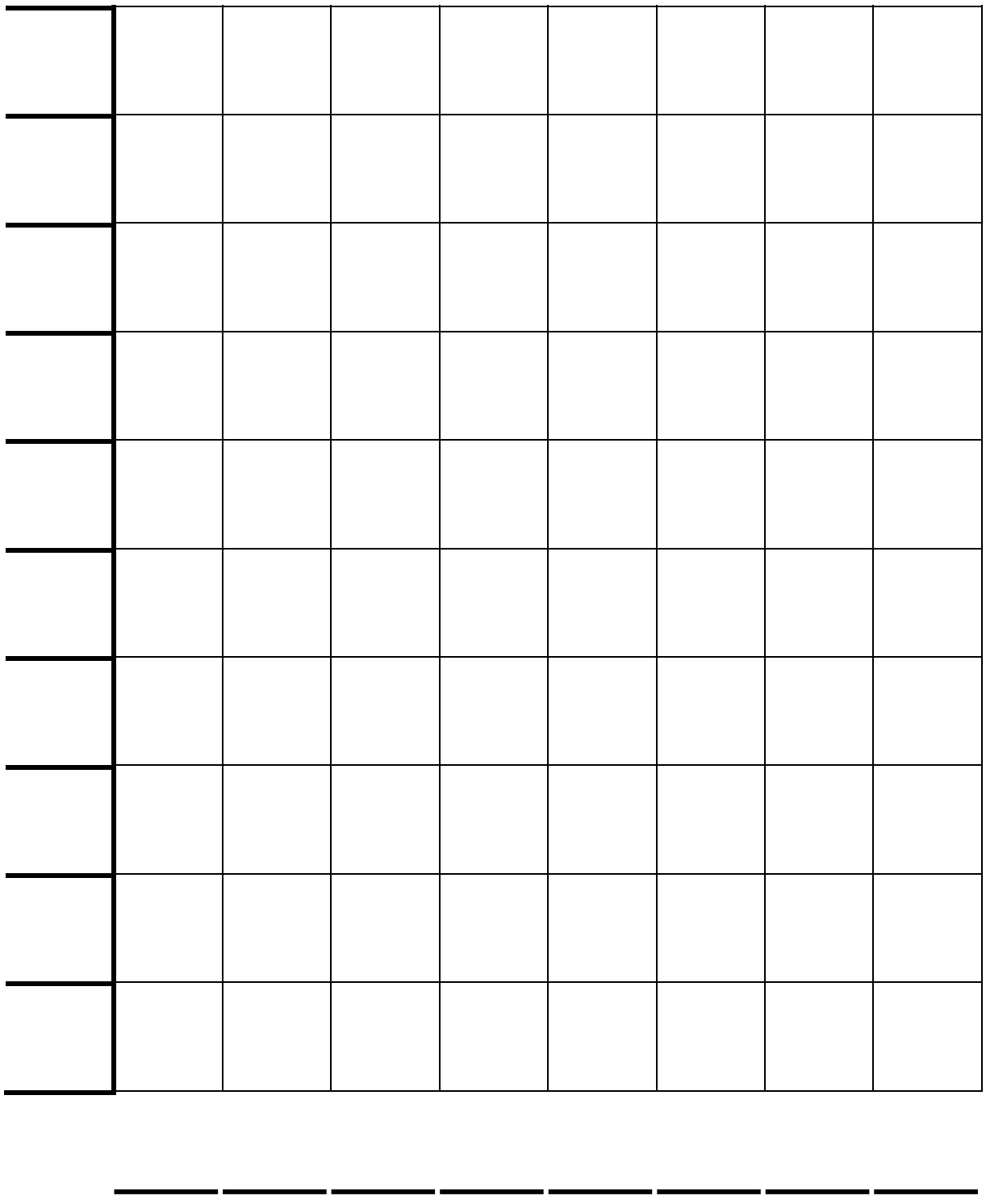


Rulers (15 cm)

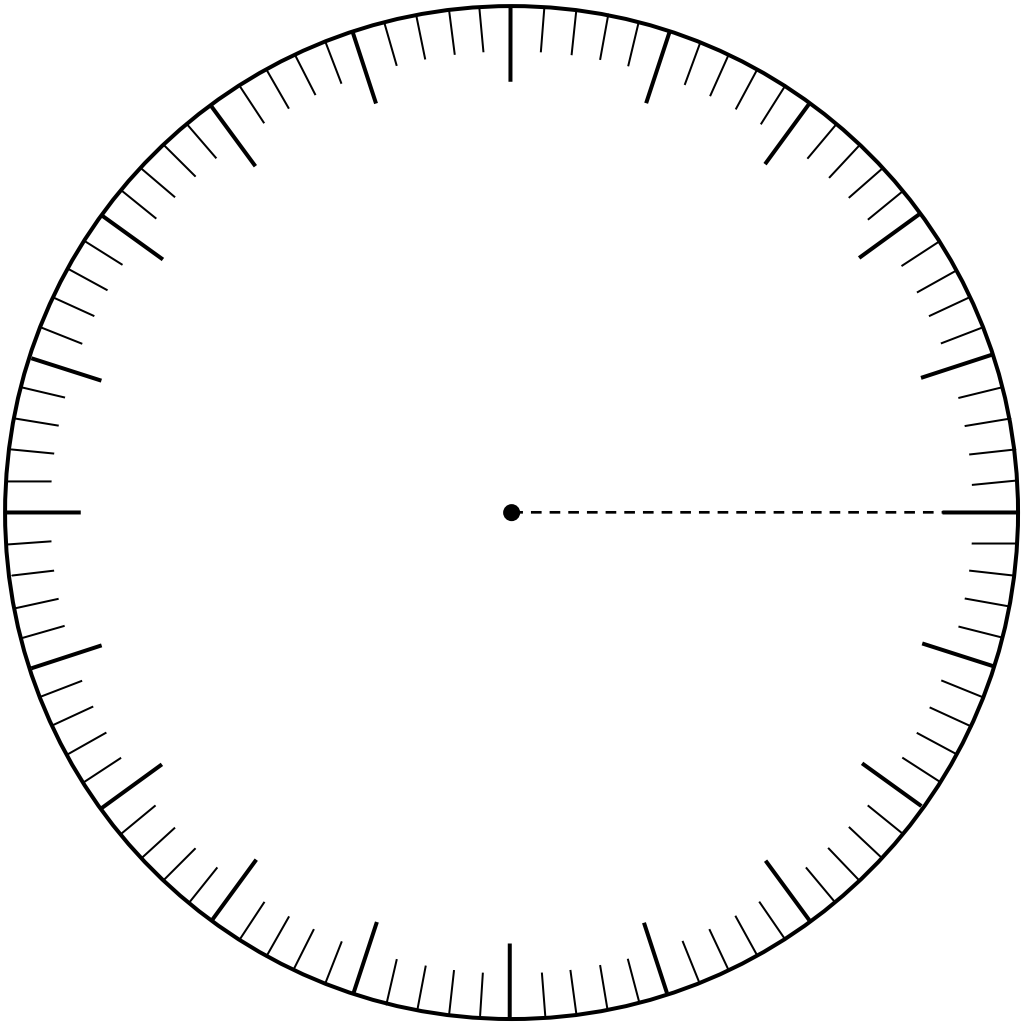


Bar Graph

Graph title: _____



Hundredths Disk



Canadian Currency (bills)

Canadian Currency (coins 1)

Canadian Currency (coins 2)

Canadian Currency (coins 3)

Coin designs courtesy of the Royal Canadian Mint / Images courtoisie de la Monnaie royale canadienne

Multiplication Chart (12 x 20)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60
4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80
5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
7	14	21	28	35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140
8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160
9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180
10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
11	22	33	44	55	66	77	88	99	110	121	132	143	154	165	176	187	198	209	220
12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240

Multiplication Chart (12 x 20)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60
4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80
5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
7	14	21	28	35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140
8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160
9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180
10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
11	22	33	44	55	66	77	88	99	110	121	132	143	154	165	176	187	198	209	220
12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240

Multiplication Chart (blank)

X	1	2	3	4	5	6	7	8	9	10
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

Multiplication Chart (fill in)

X	1	2	3	4	5	6	7	8	9	10
1		2		4		6	7	8	9	10
2	2	4			10	12	14			
3	3		9	12	15	18	21			
4		8	12		20		28			
5		10		20			35	40		
6	6		18	24	30	36	42	48	54	
7	7	14	21	28	35	42	49		63	70
8	8		24	32	40	48		64		80
9	9	18		36	45	54		72	81	90
10	10	20	30	40	50	60		80	90	100

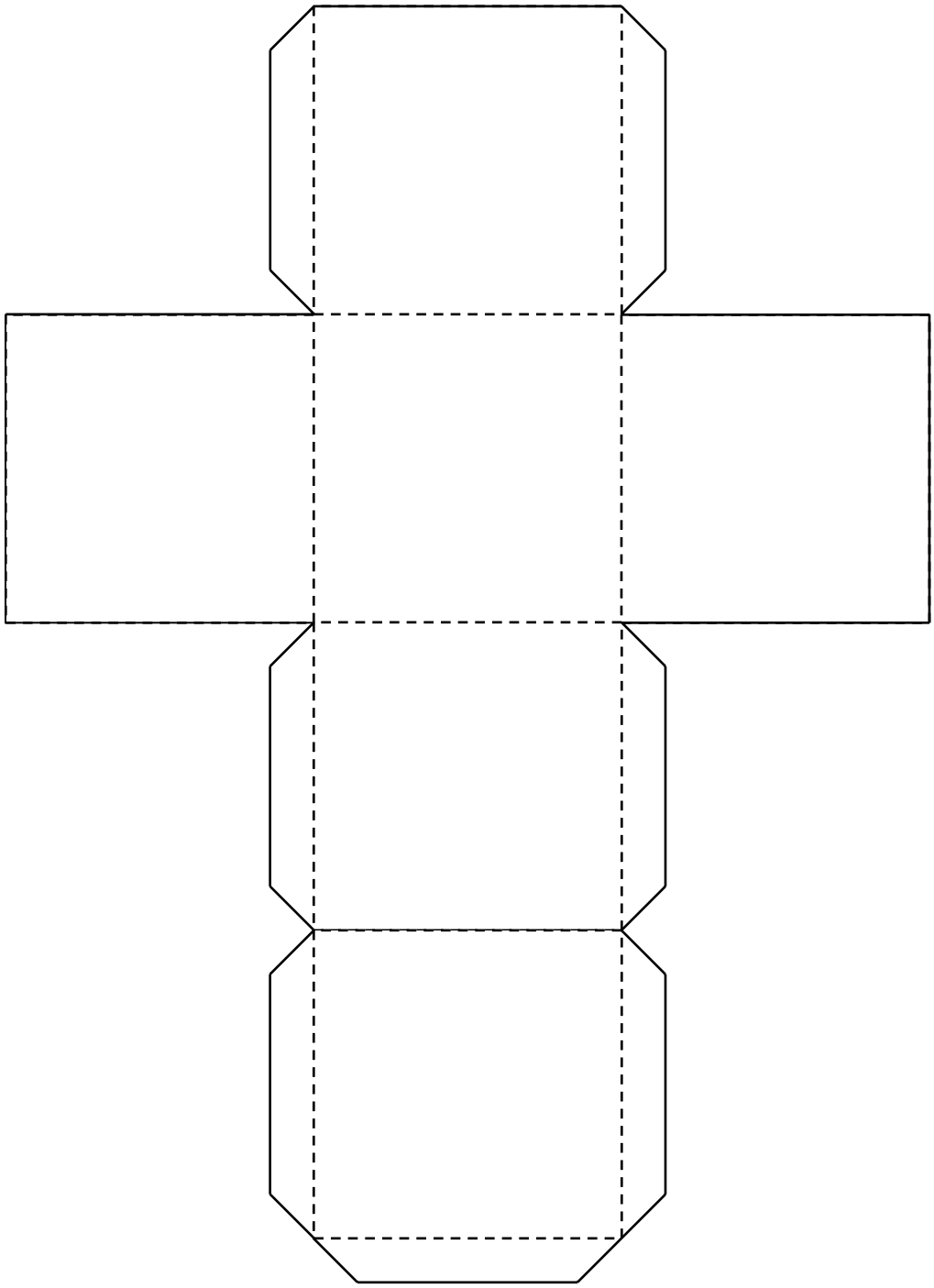
Multiplication Chart (missing number 1)

X	10	8	6	2	7	4	3	5	1	9
1	10		6		7	4	3	5		9
2		16		4	14	8			10	18
3		24			21	12	9	15	3	27
4	40		24		28	16	12		4	
5	50	40	30	10		20	15	25	5	45
6	60	48		12	42		18		6	54
7	70			14	49	28	21		7	63
8	80		48	16	56			40	8	
9		72		18		36				81
10	100	80	60			40	30		10	90

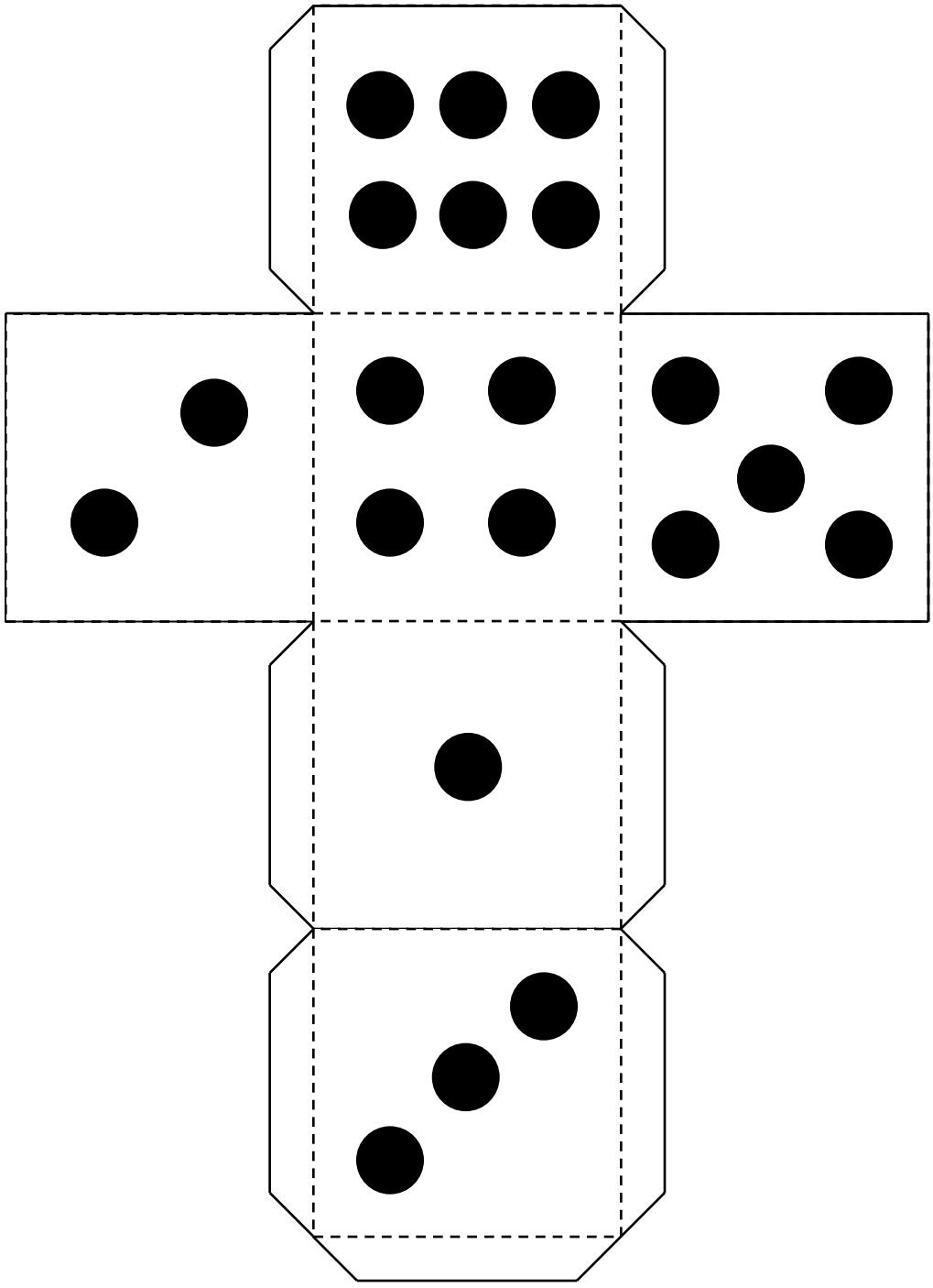
Multiplication Chart (missing number 2)

X	10	8	6	2	7	4	3	5	1	9
5			30		35			25	5	45
4	40	32	24					20		
8	80	64	48	16	56	32	24	40	8	72
7			42	14	49	28		35	7	63
1	10	8	6			4		5	1	
2	20	16	12	4	14	8	6	10	2	18
6	60	48				24	18	30		
9		72	54		63		27	45	9	
3	30	24	18		21	12	9		3	
10	100	80	60		70	40		50		90

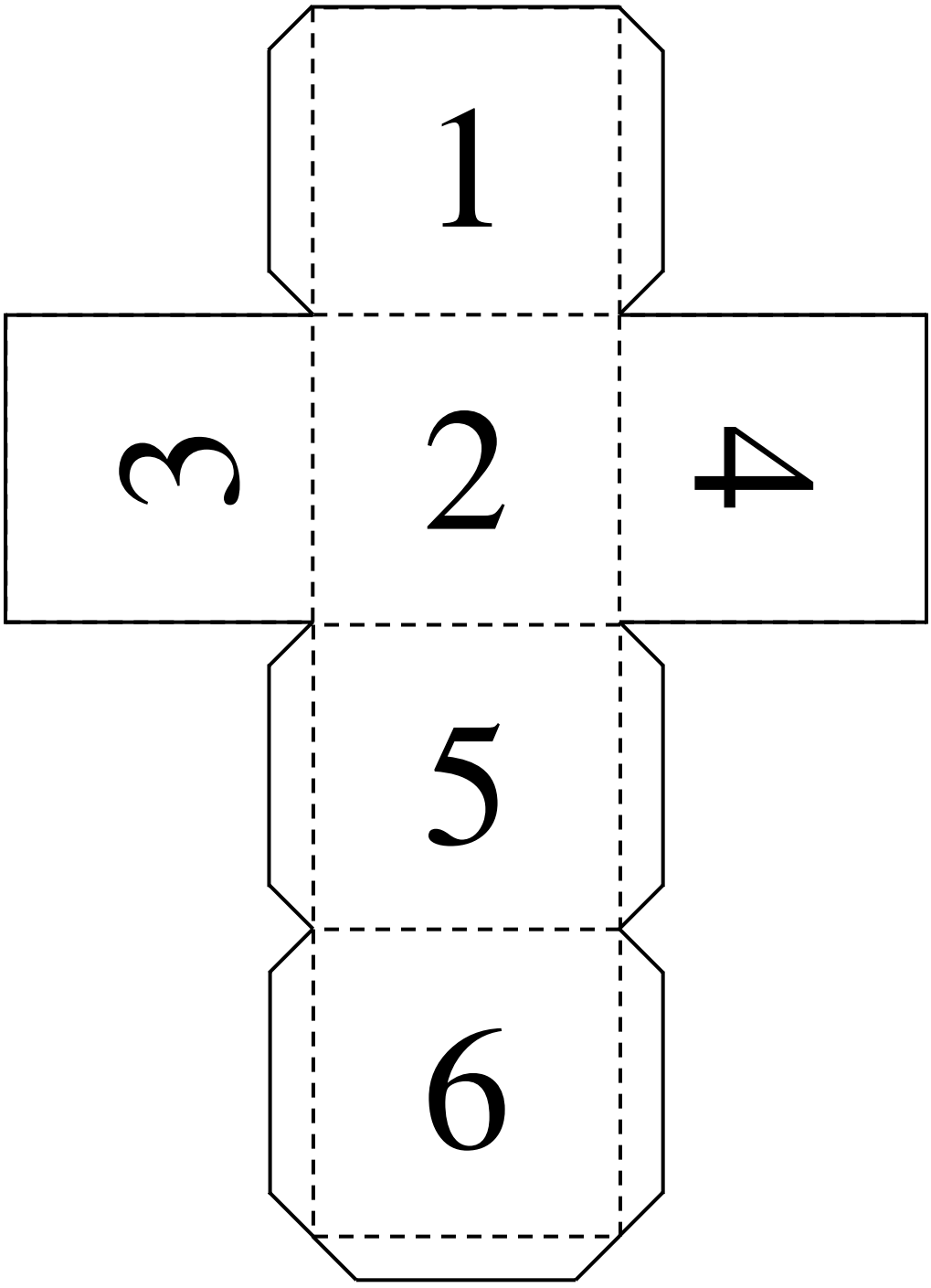
Number Cube (blank)



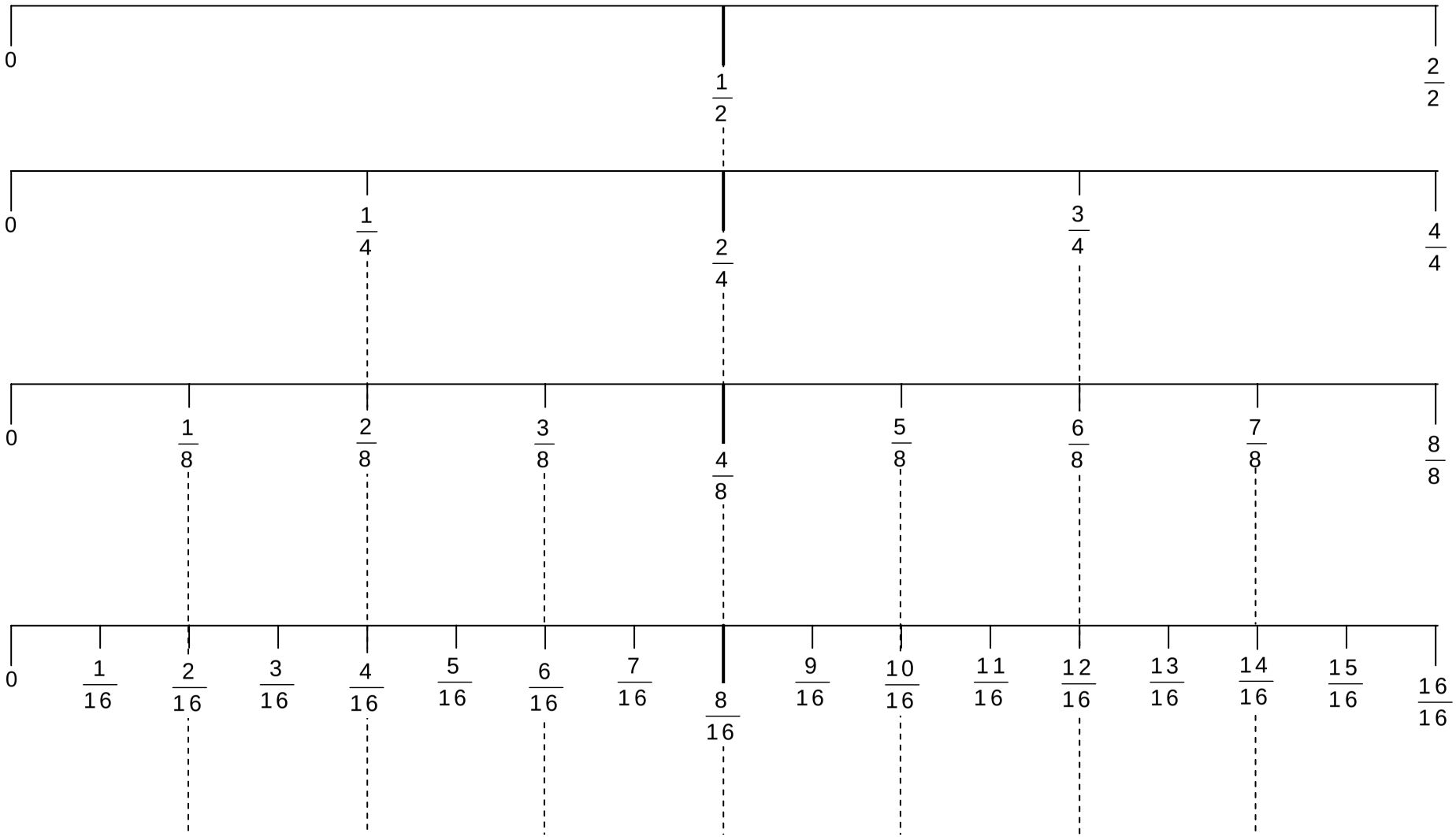
Number Cube (dots)



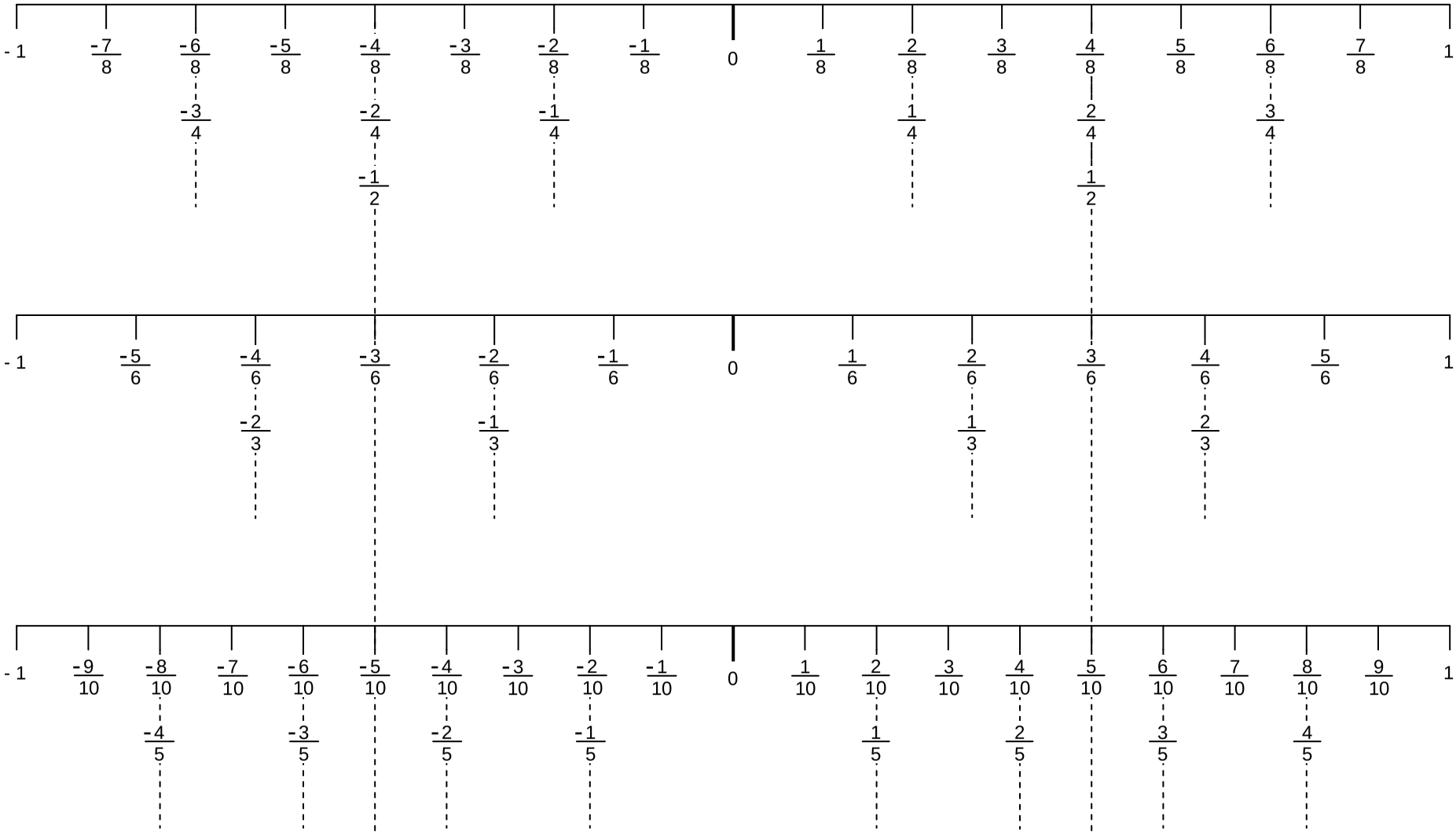
Number Cube (numbers)



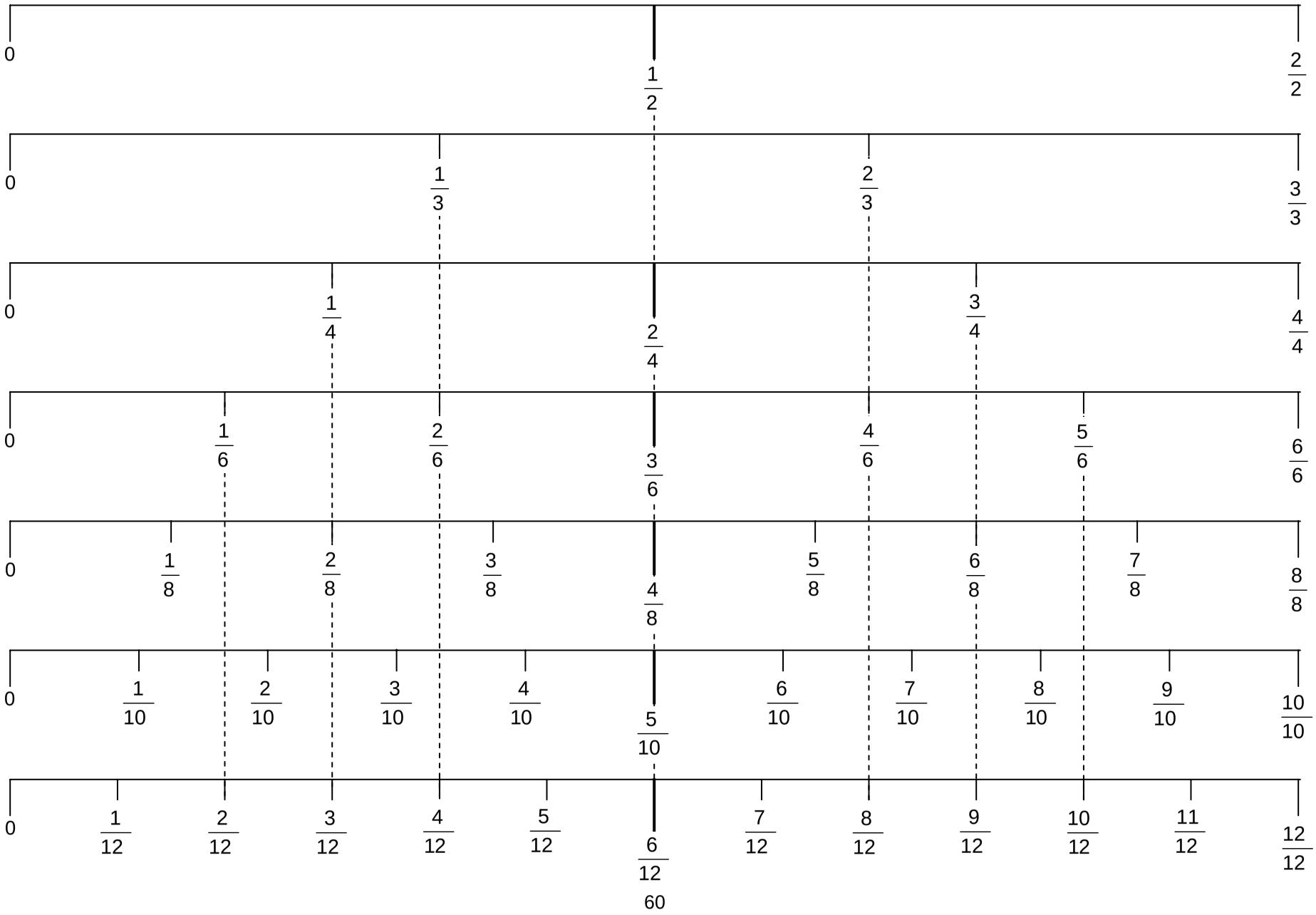
Fraction Number Lines (sixteenths)



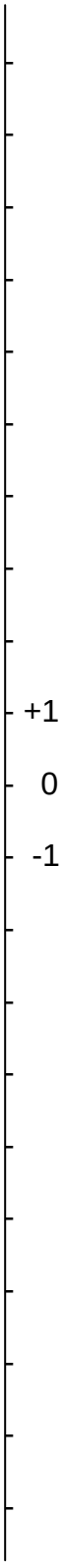
Fraction Number Lines (tenths)



Fraction Number Lines (twelfths)

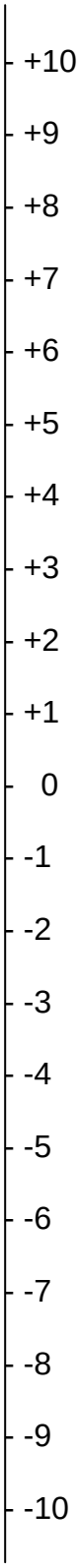


Number Line (vertical with -1, 0, +1)

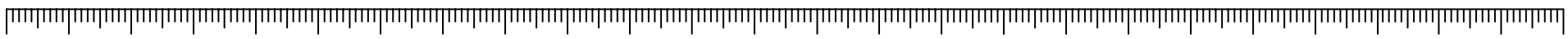


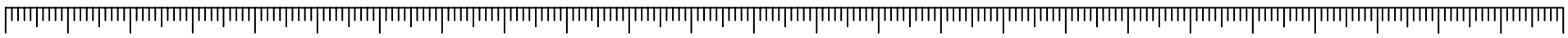
Number Line (vertical blank)

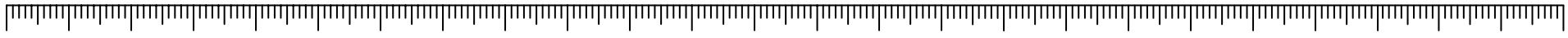
Number Line (vertical integers)

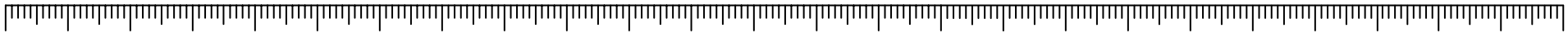


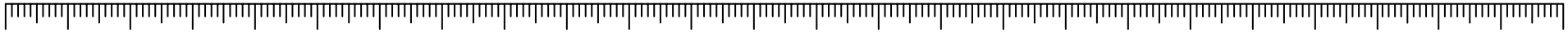
Number Lines (blank)



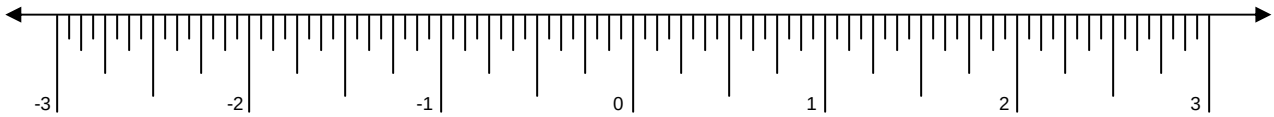


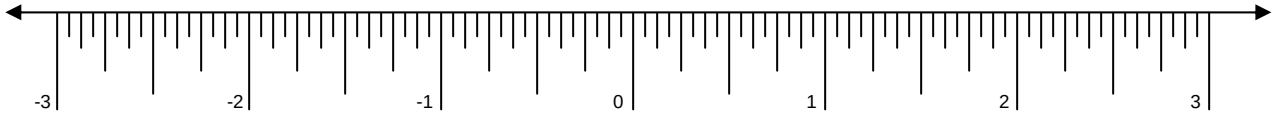


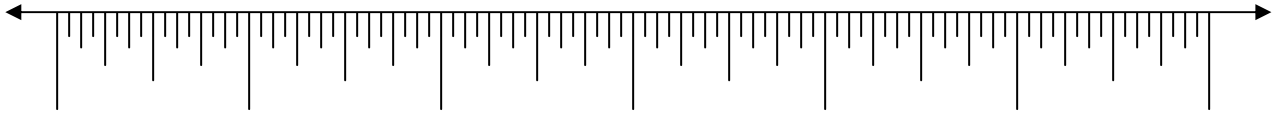


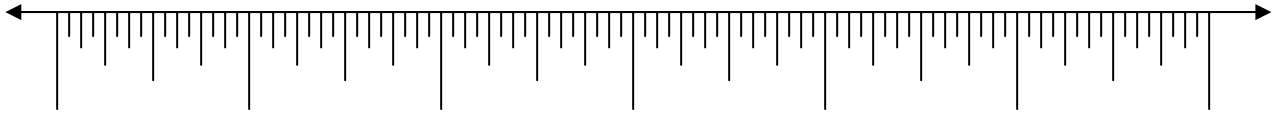


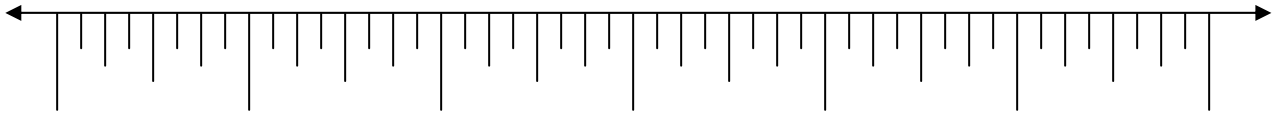
Number Lines (based on sixteenths)

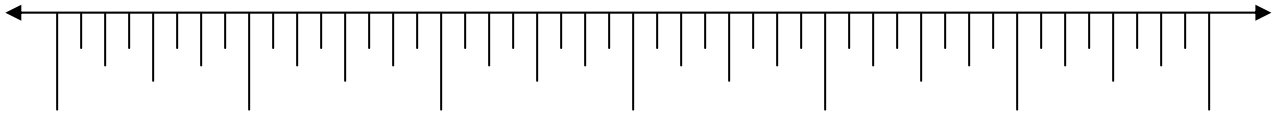


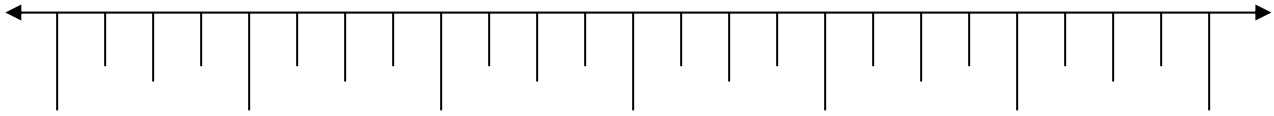


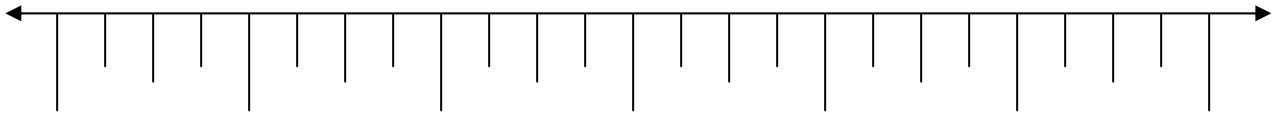


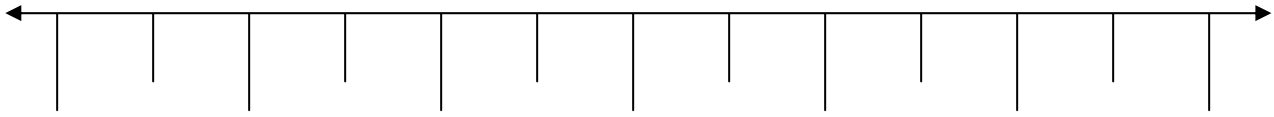


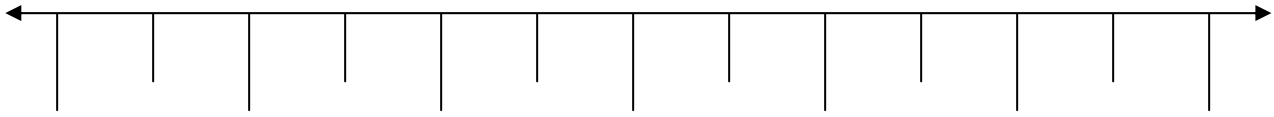




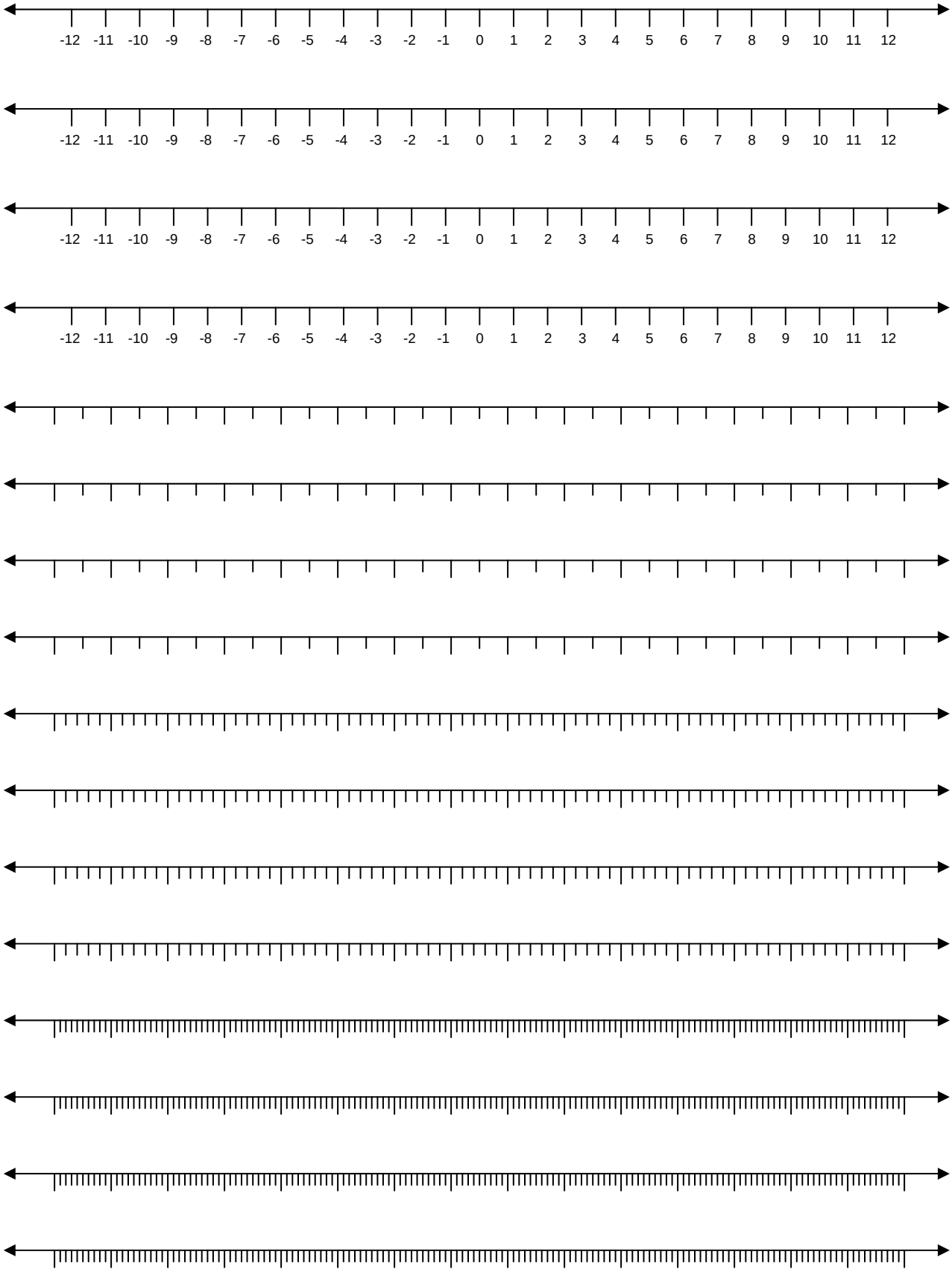




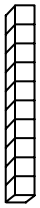




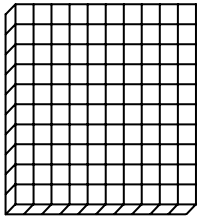
Number Lines (based on tenths)



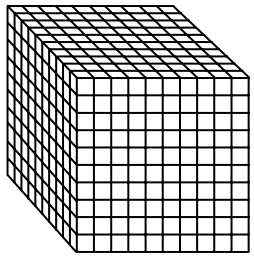
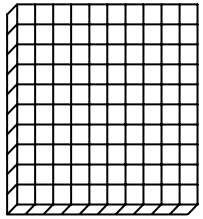
Place Value Chart (to tens)

Place Value Chart (to hundreds)

Place Value Chart (to thousands)

Place Value Chart (to hundred thousands)

Thousands			Units		
H	T	O	H	T	O

Place Value Chart (to millions)

Millions			Thousands			Units		
H	T	O	H	T	O	H	T	O

Place Value Chart (decimals to tenths)

Thousands	Hundreds	Tens	Ones	Tenths

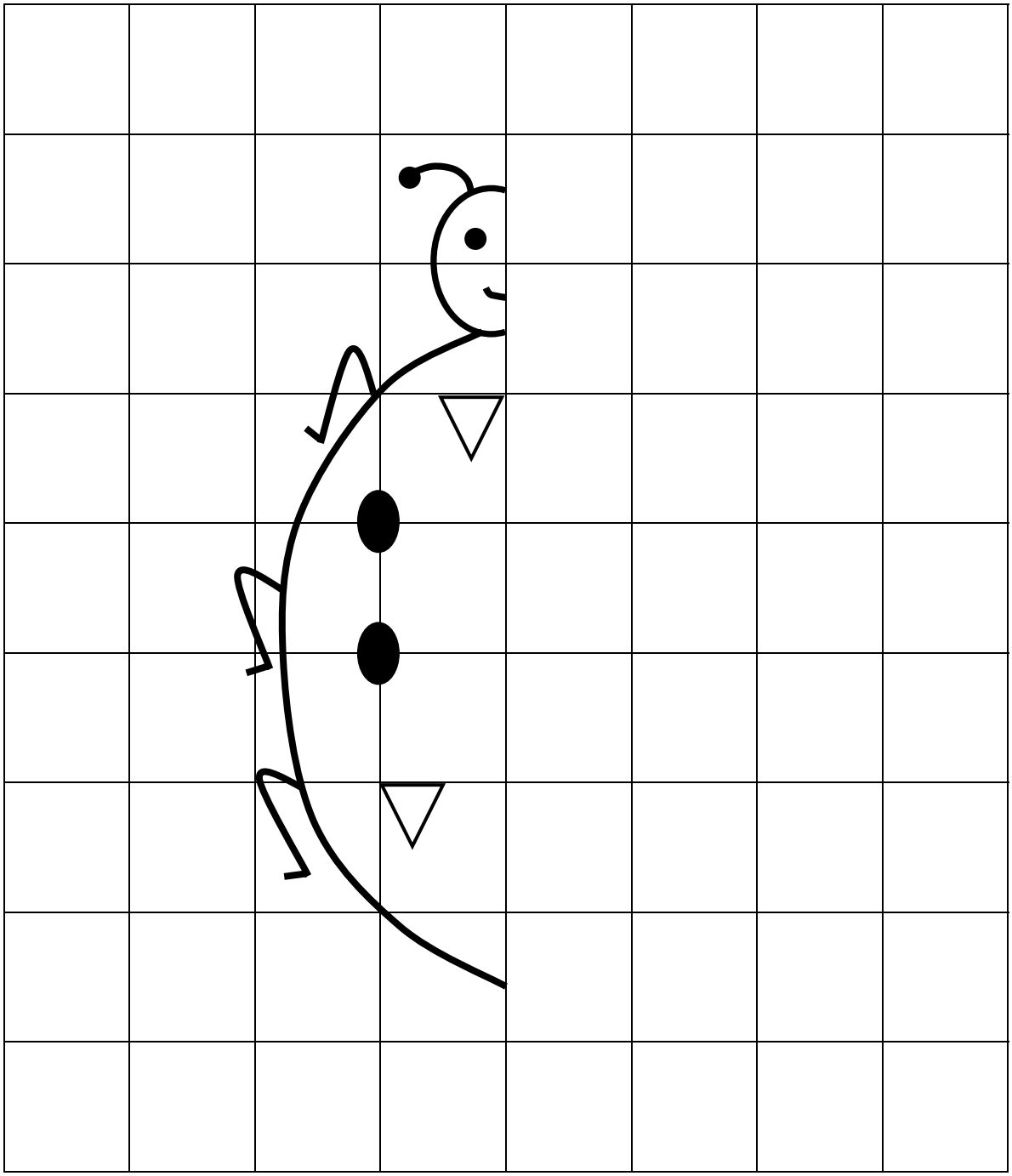
Place Value Chart (decimals to hundredths)

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths

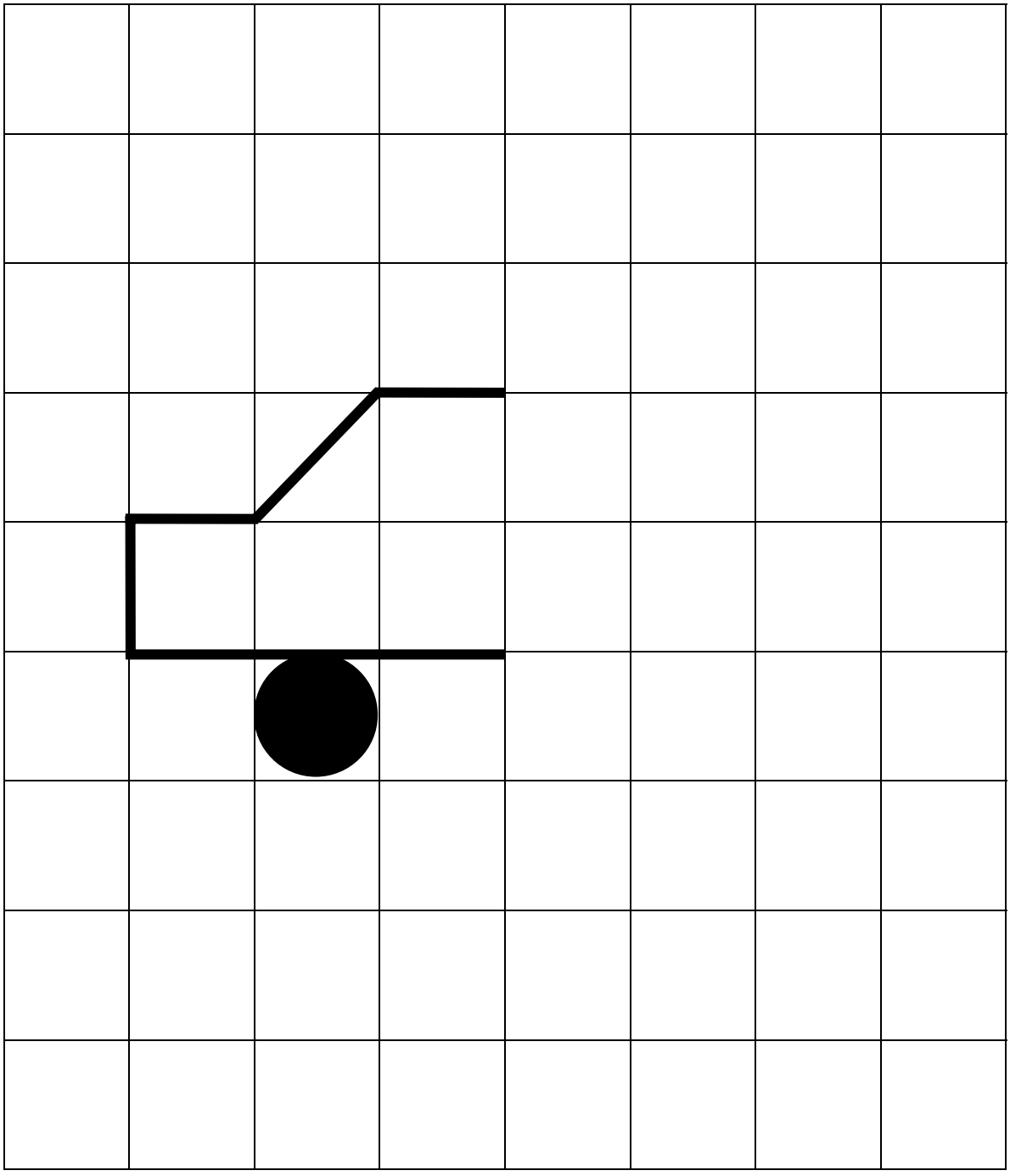
Place Value Chart (decimals to thousandths)

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

Symmetry (bug)



Symmetry (car)



Symmetry (house)