

Mathematics Blackline Masters for Class VI

For use during teaching-learning process

Student Name: _____

School: _____



Department of Curriculum and Professional Development
Ministry of Education
Thimphu

UNIT 1 FRACTIONS AND DECIMALS

BLM 1 Fraction Match Game Cards

$\frac{1}{2}$	0.35	$1\frac{2}{3}$	$\frac{2}{5} + \frac{2}{5}$	$\frac{12}{3}$	0.23
4	$\frac{4}{5}$	$\frac{4}{6}$	$\frac{5}{3}$	$3\frac{3}{4}$	$\frac{4}{8}$
$\frac{5}{8}$	$4\frac{1}{2}$	0.5	$\frac{9}{2}$	$\frac{2}{8} + \frac{3}{8}$	0.6
$\frac{15}{4}$	$\frac{7}{8} - \frac{3}{8}$	$\frac{6}{10}$	$\frac{23}{100}$	$\frac{3}{10} + \frac{5}{100}$	$\frac{5}{6} - \frac{1}{6}$

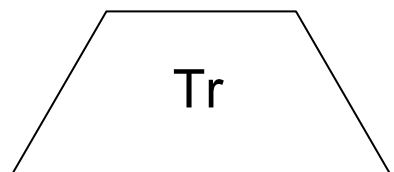
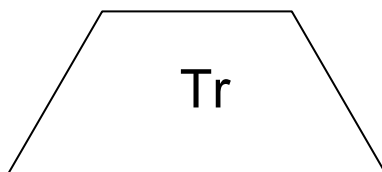
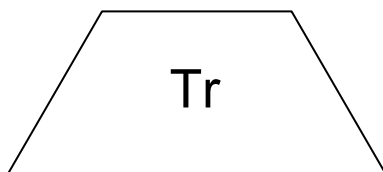
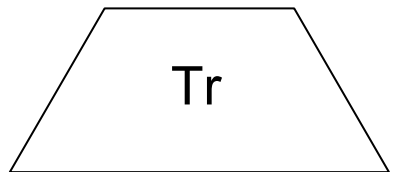
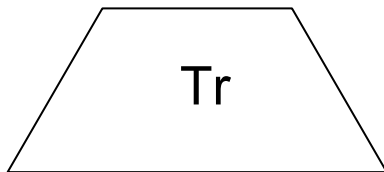
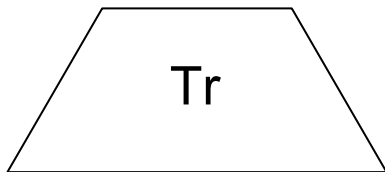
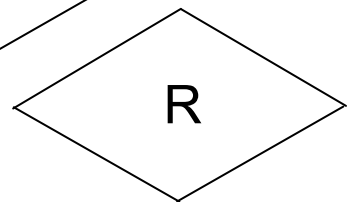
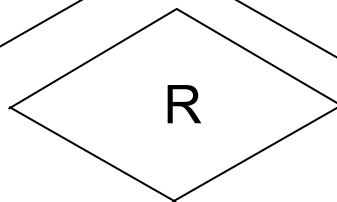
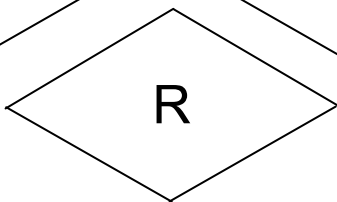
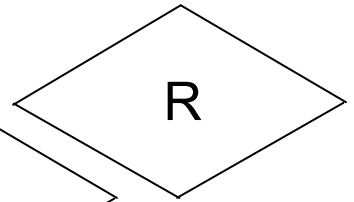
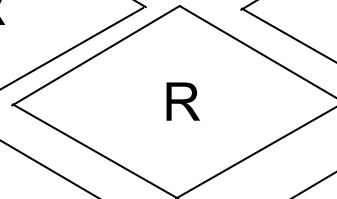
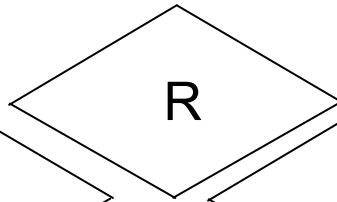
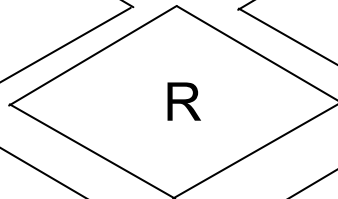
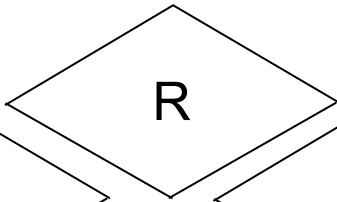
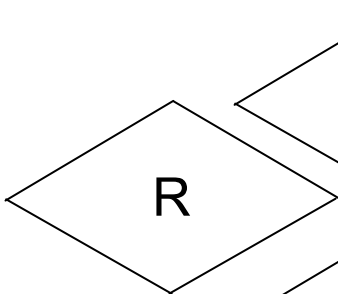
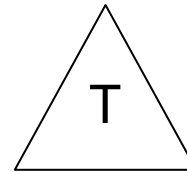
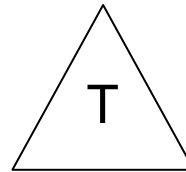
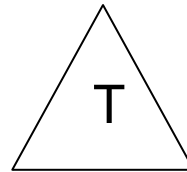
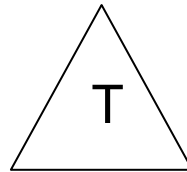
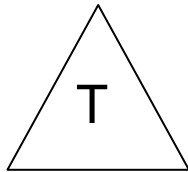
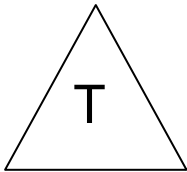
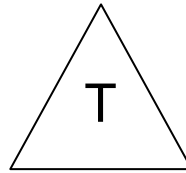
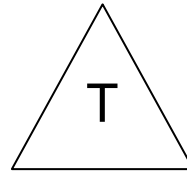
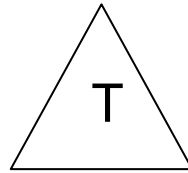
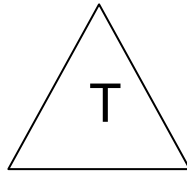
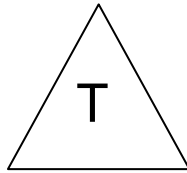
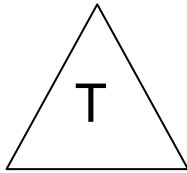
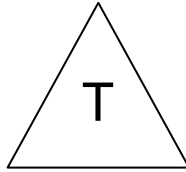
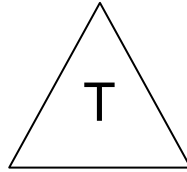
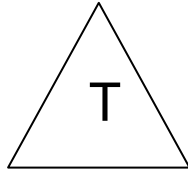
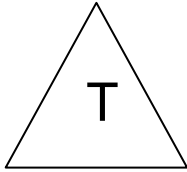
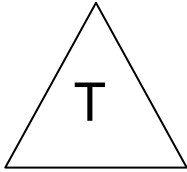
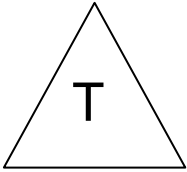
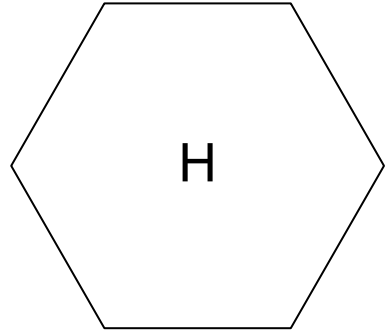
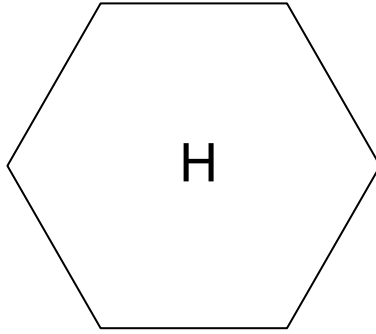
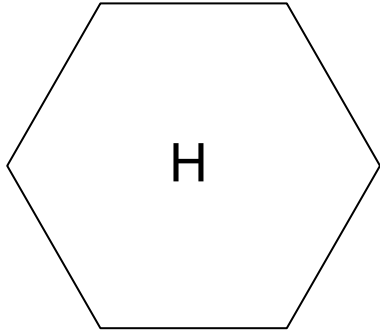
THIS PAGE IS LEFT BLANK

BLM 2 Fraction Strips

1											
$\frac{1}{2}$						$\frac{1}{2}$					
$\frac{1}{3}$				$\frac{1}{3}$				$\frac{1}{3}$			
$\frac{1}{4}$			$\frac{1}{4}$			$\frac{1}{4}$			$\frac{1}{4}$		
$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$	
$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$	
$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$
$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$
$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$
$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$

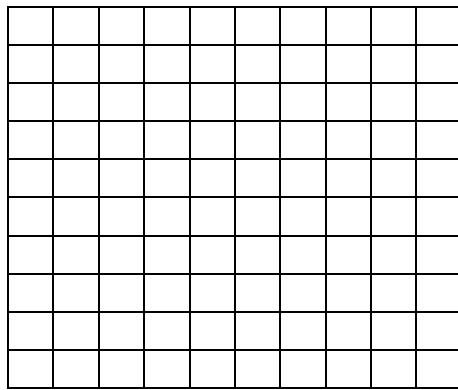
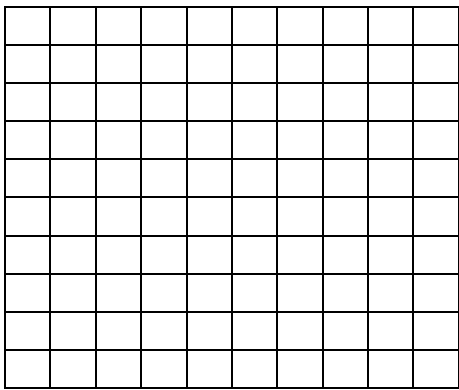
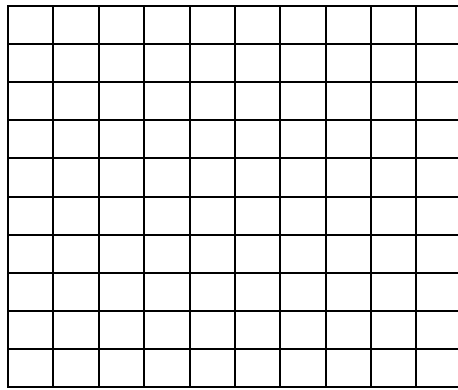
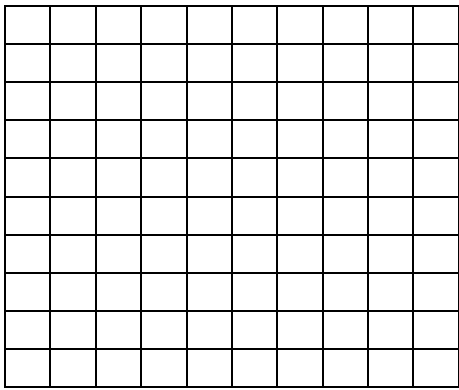
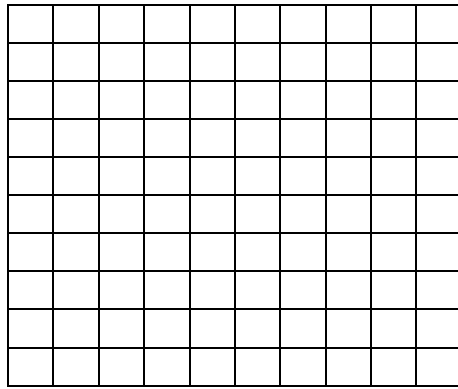
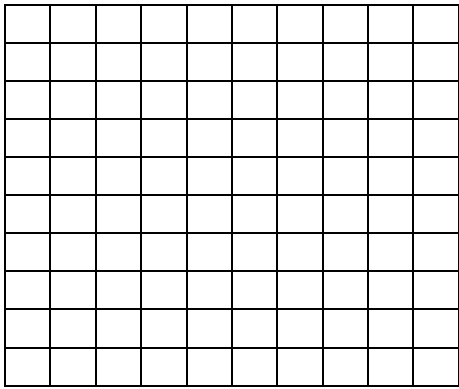
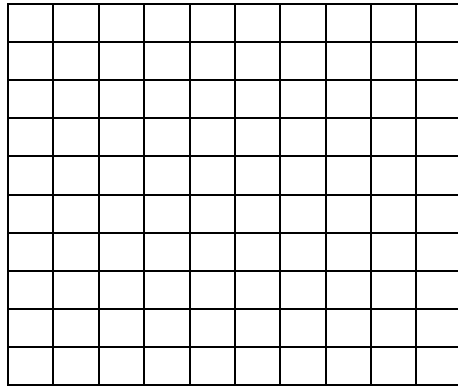
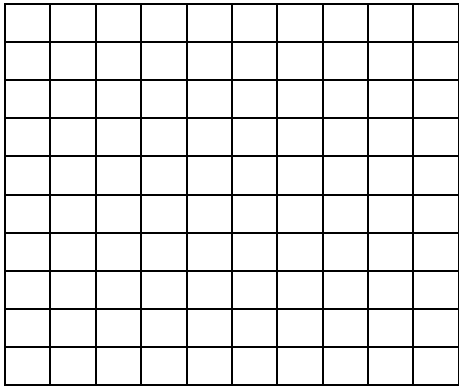
THIS PAGE IS LEFT BLANK

BLM 3 Pattern Block Fraction Pieces



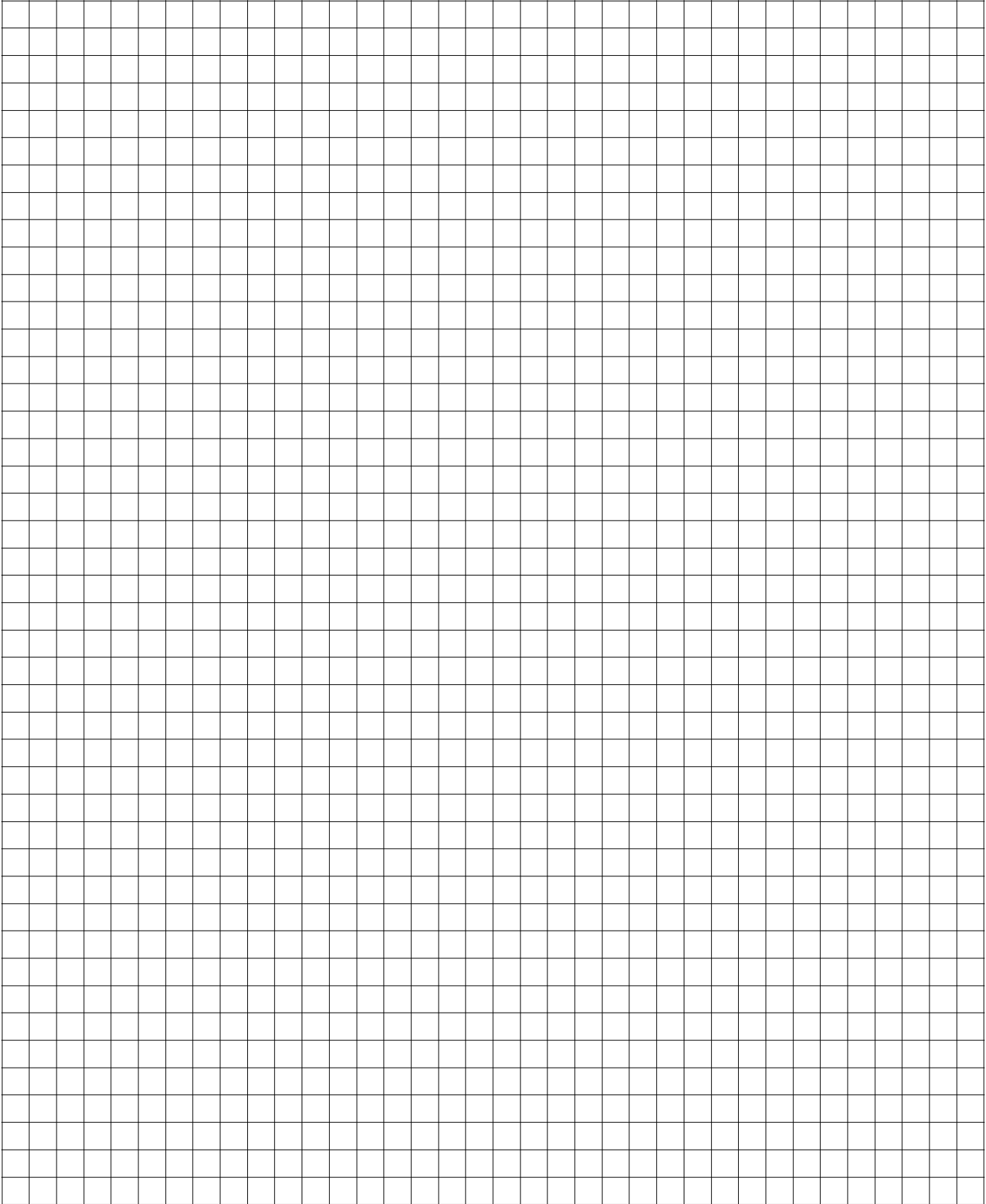
THIS PAGE IS LEFT BLANK

BLM 4 Hundredths Grids



THIS PAGE IS LEFT BLANK

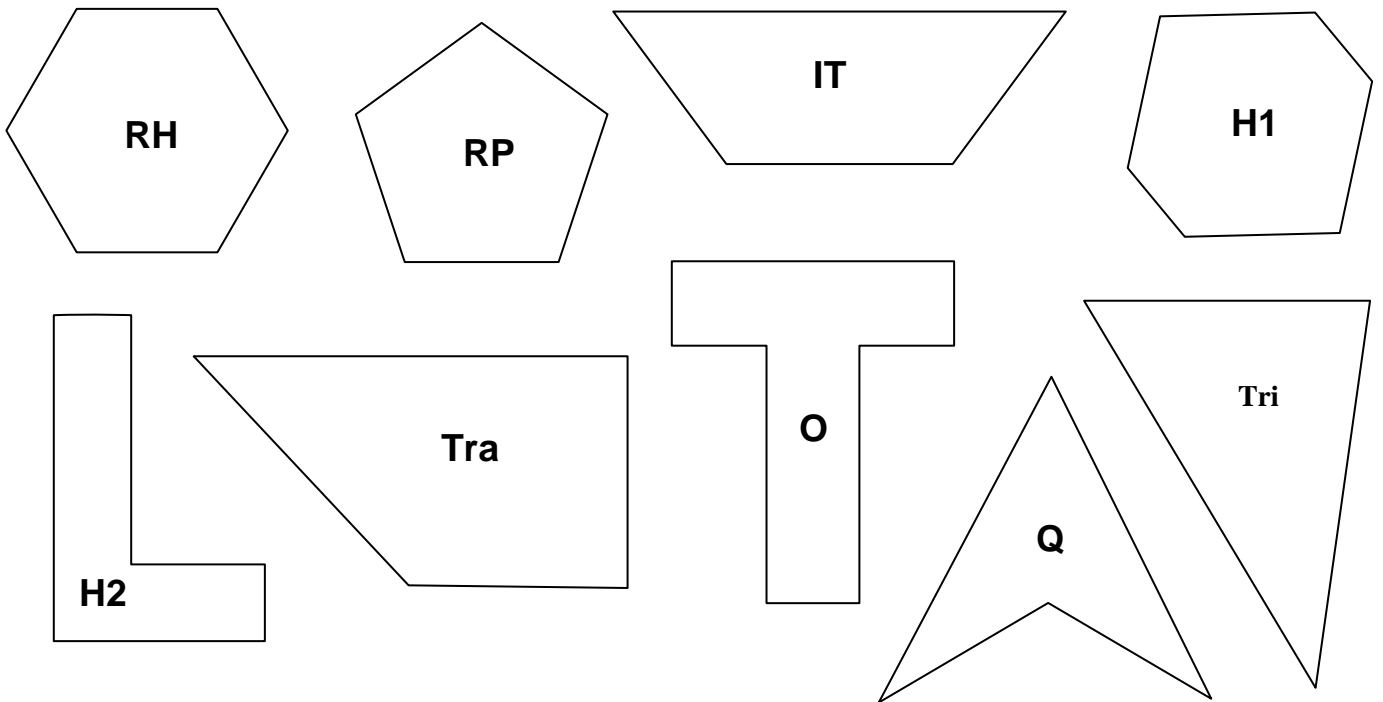
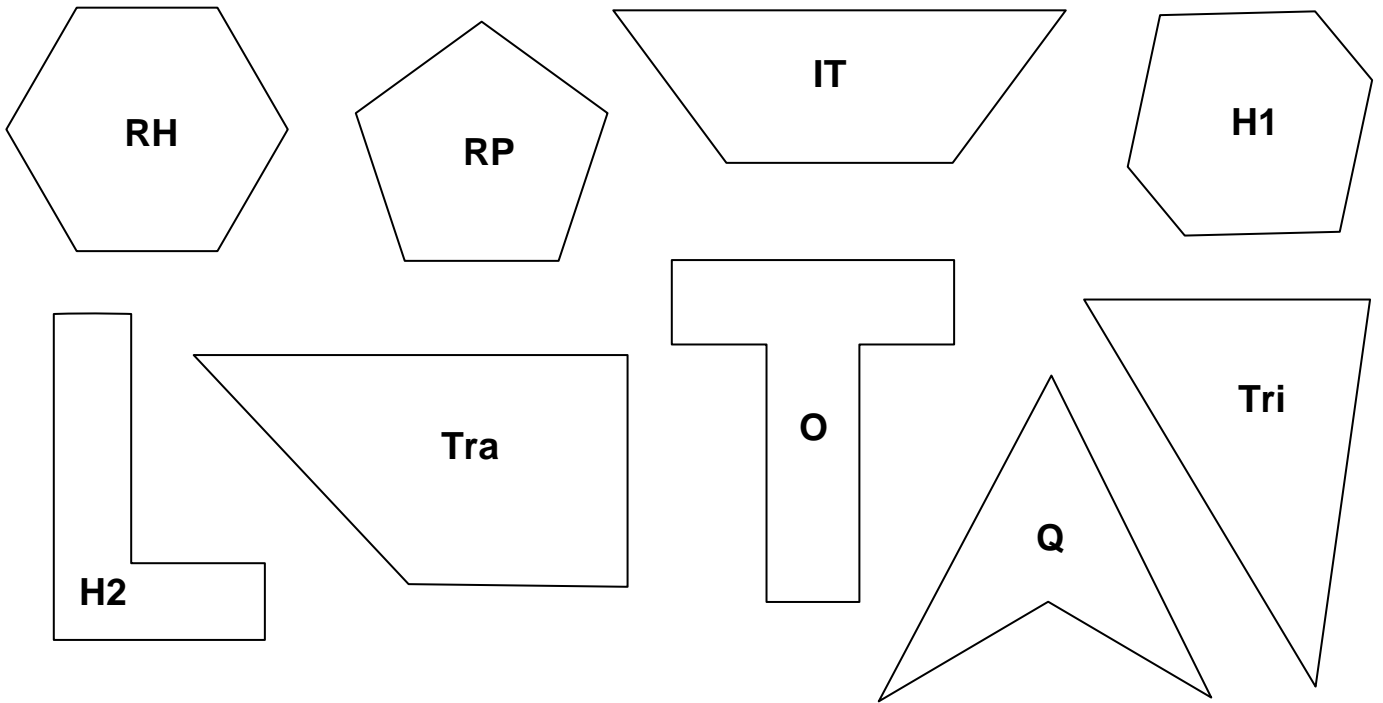
BLM 5 Small Grid Paper



THIS PAGE IS LEFT BLANK

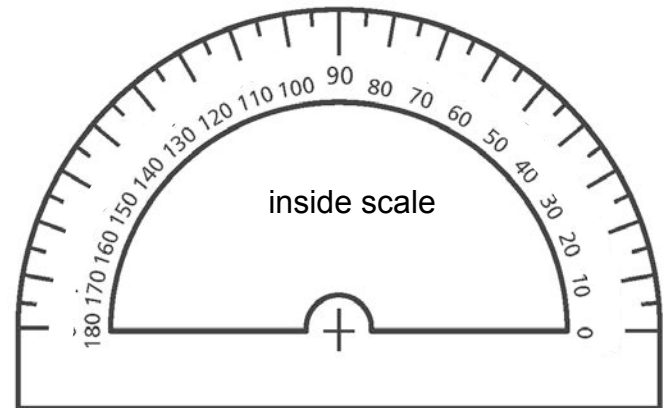
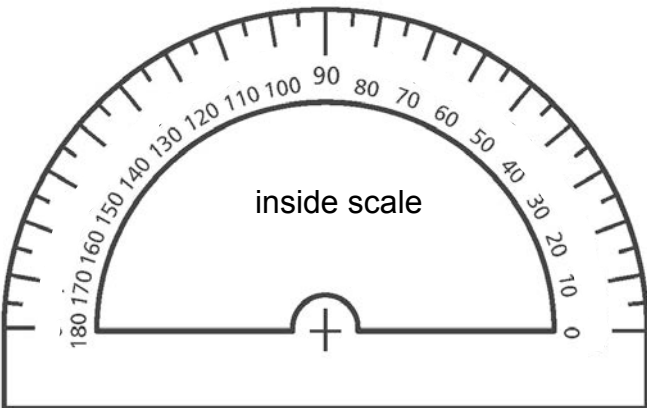
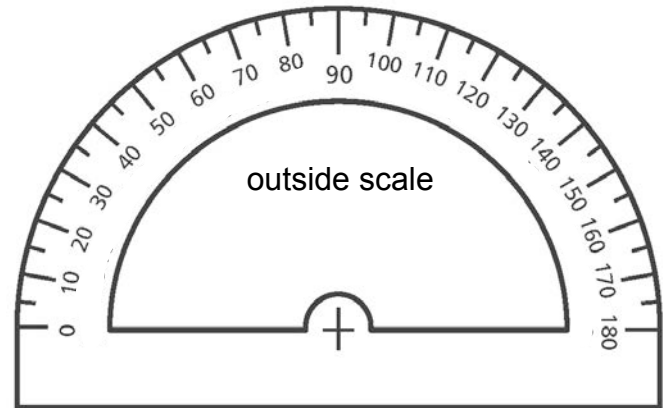
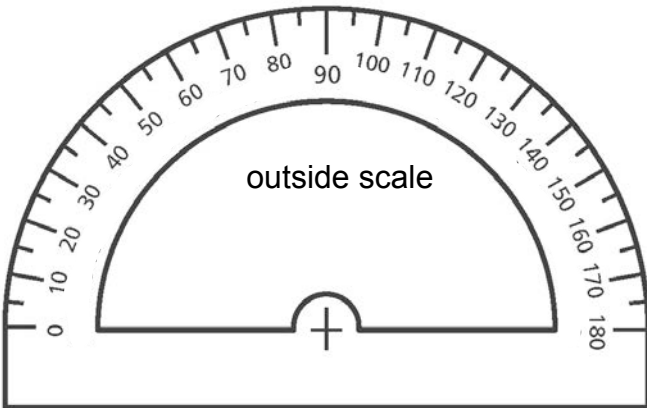
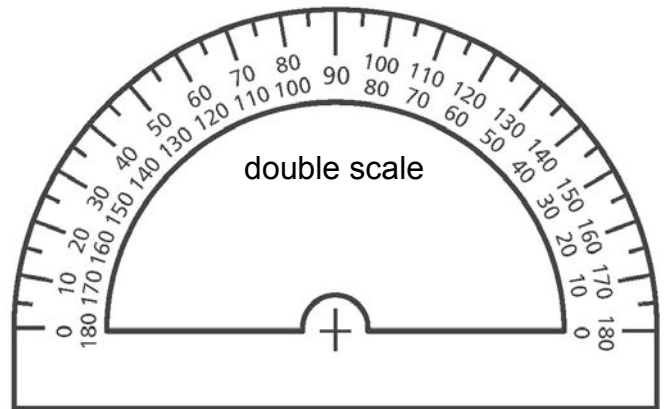
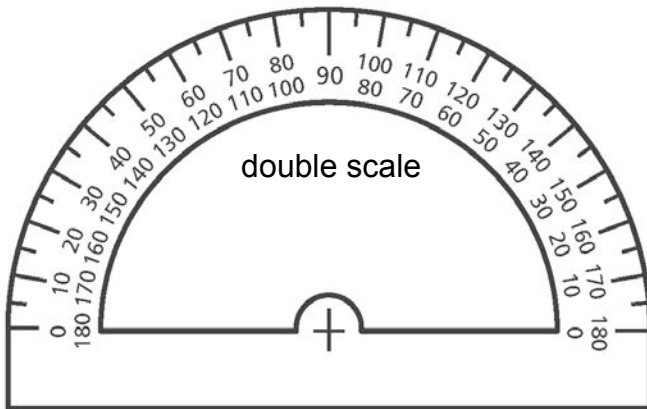
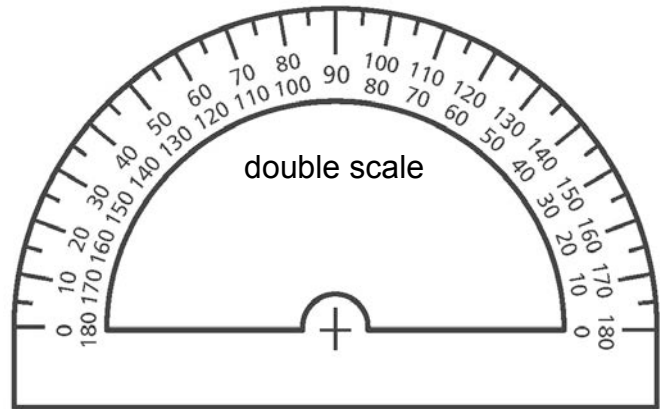
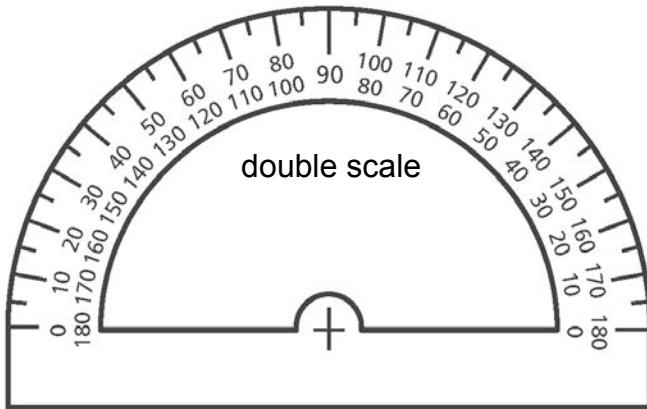
UNIT 2 GEOMETRY

BLM 1 Tessellating Shapes



THIS PAGE IS LEFT BLANK

BLM 2 Paper Protractors



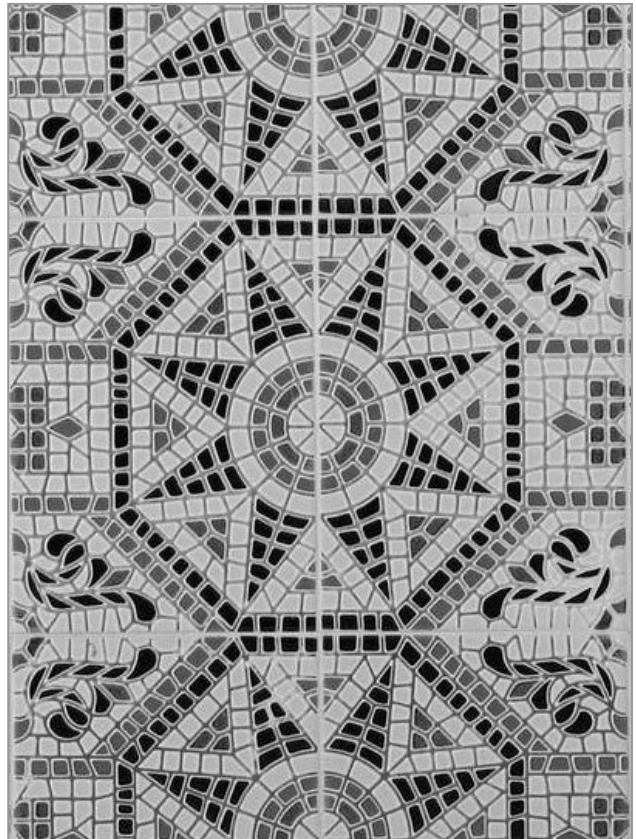
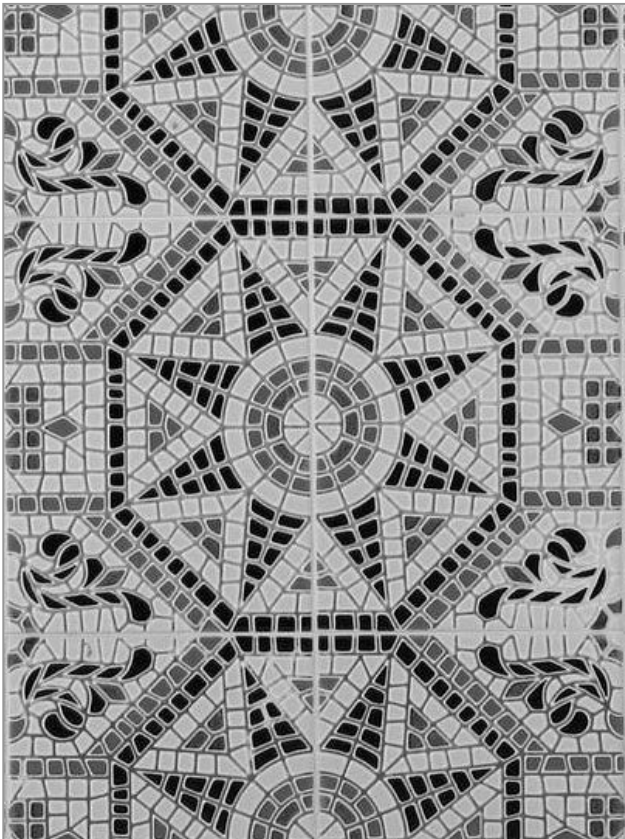
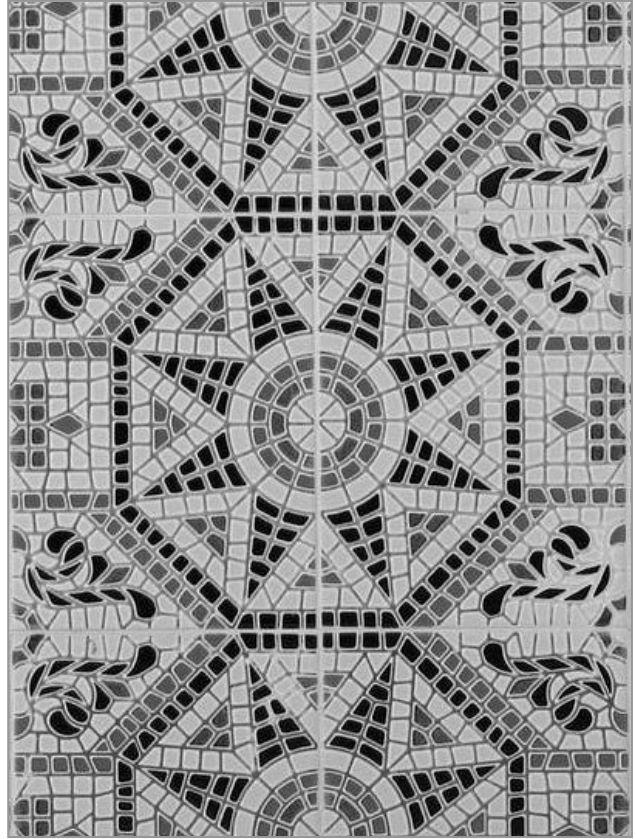
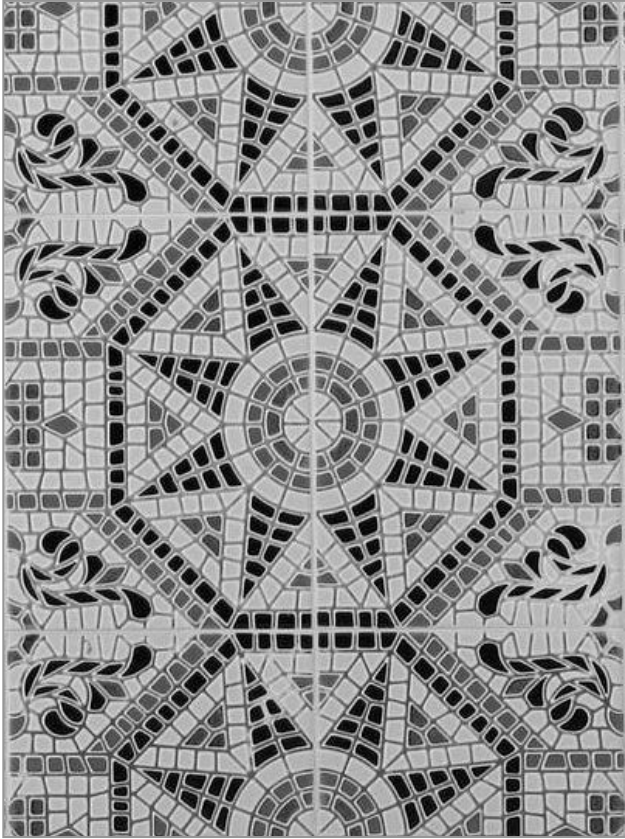
THIS PAGE IS LEFT BLANK

BLM 3 Field Angles



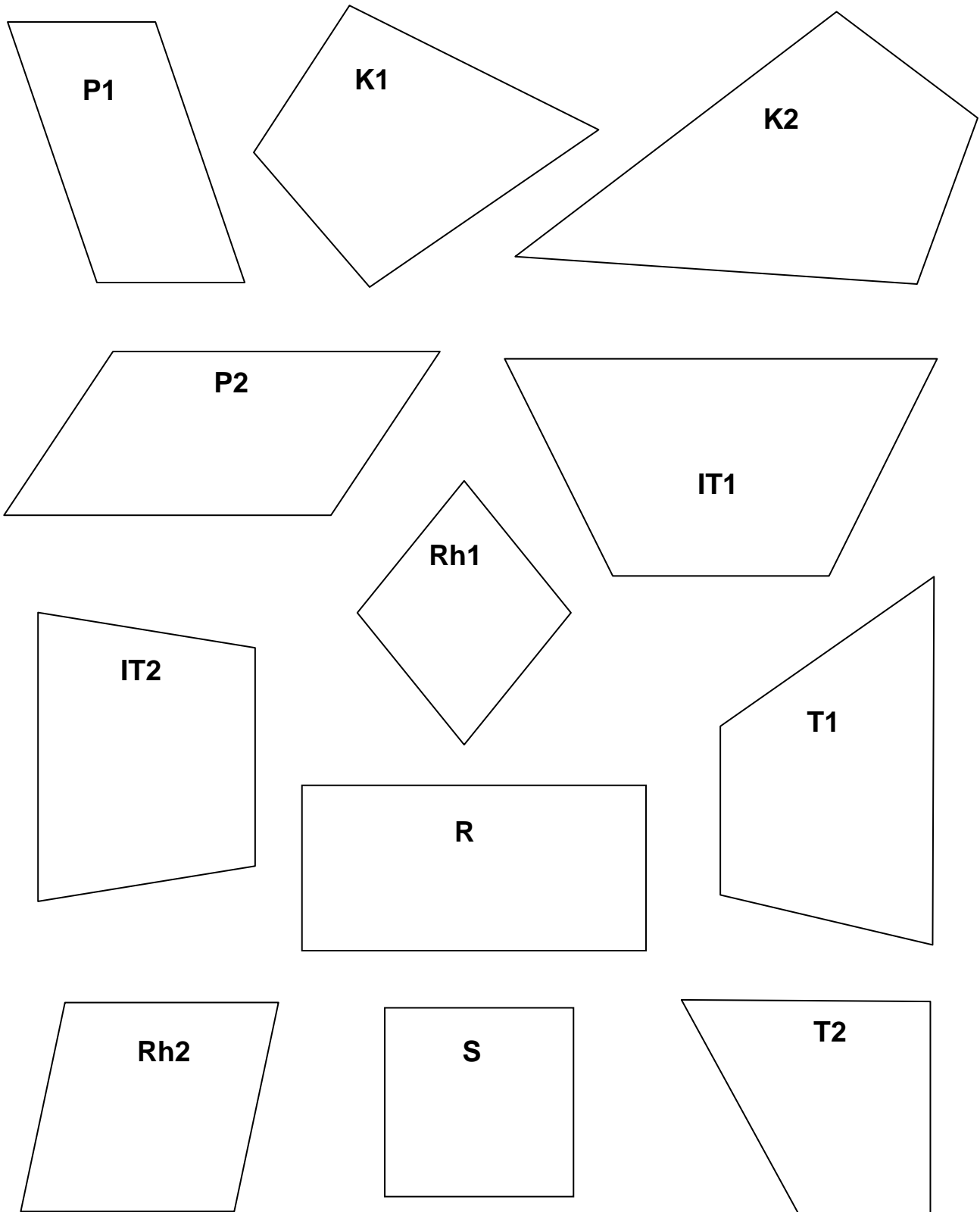
THIS PAGE IS LEFT BLANK

BLM 4 Angle Bisectors



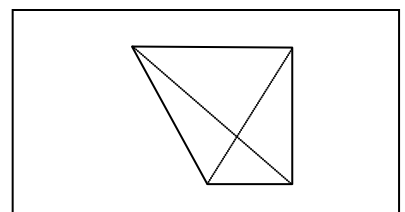
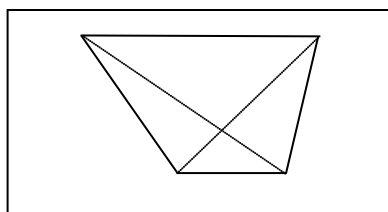
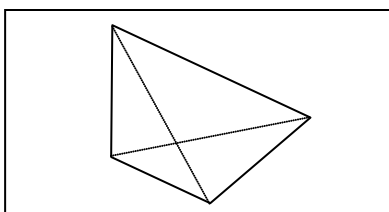
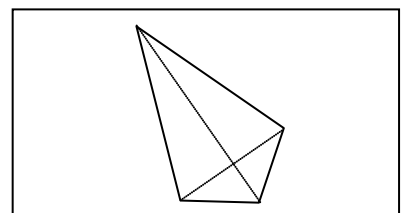
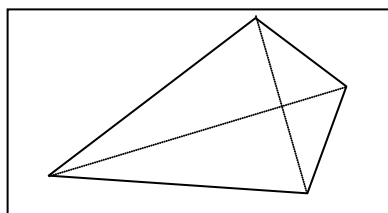
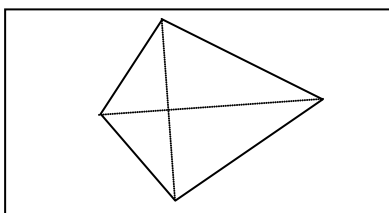
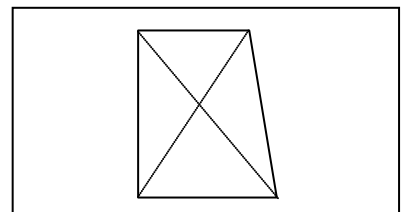
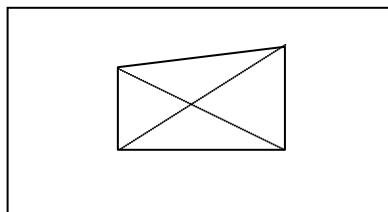
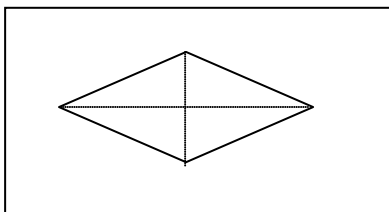
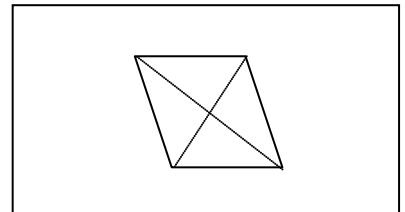
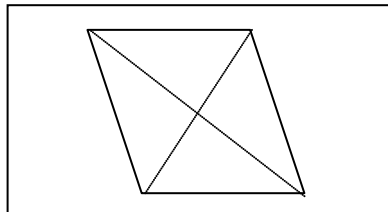
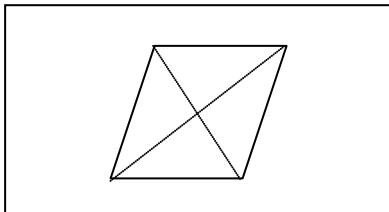
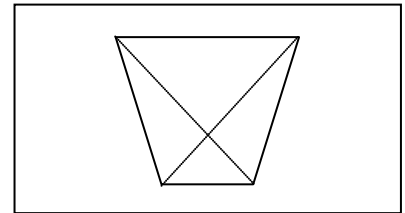
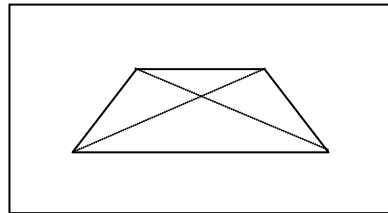
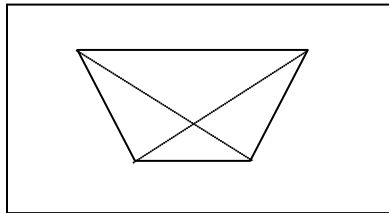
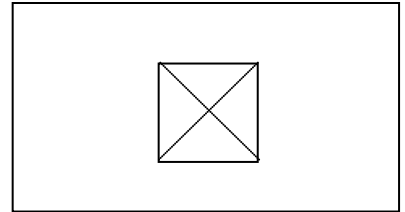
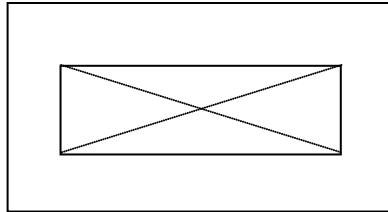
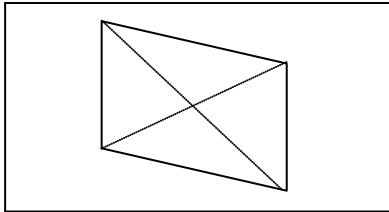
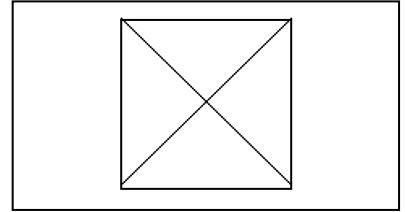
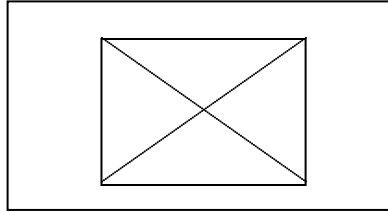
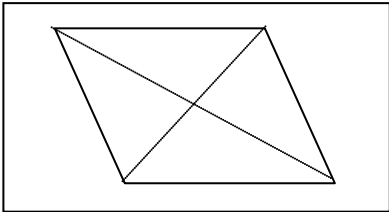
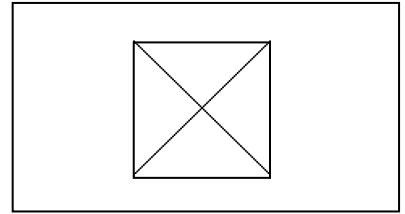
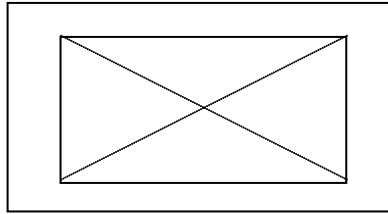
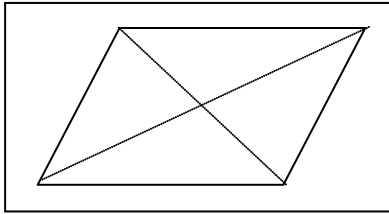
THIS PAGE IS LEFT BLANK

BLM 5 Sorting Quadrilaterals



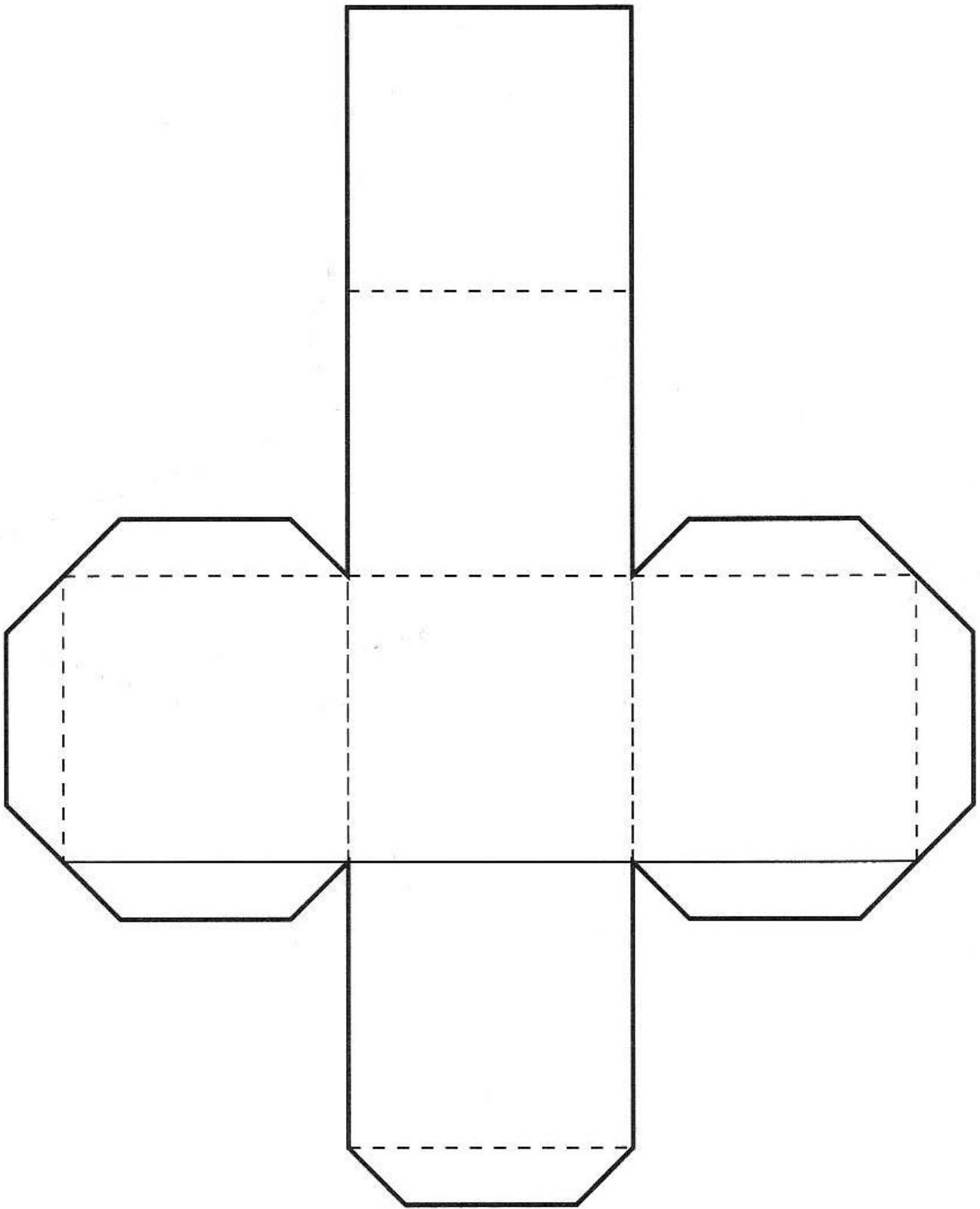
THIS PAGE IS LEFT BLANK

BLM 6 Go Fish Game Cards



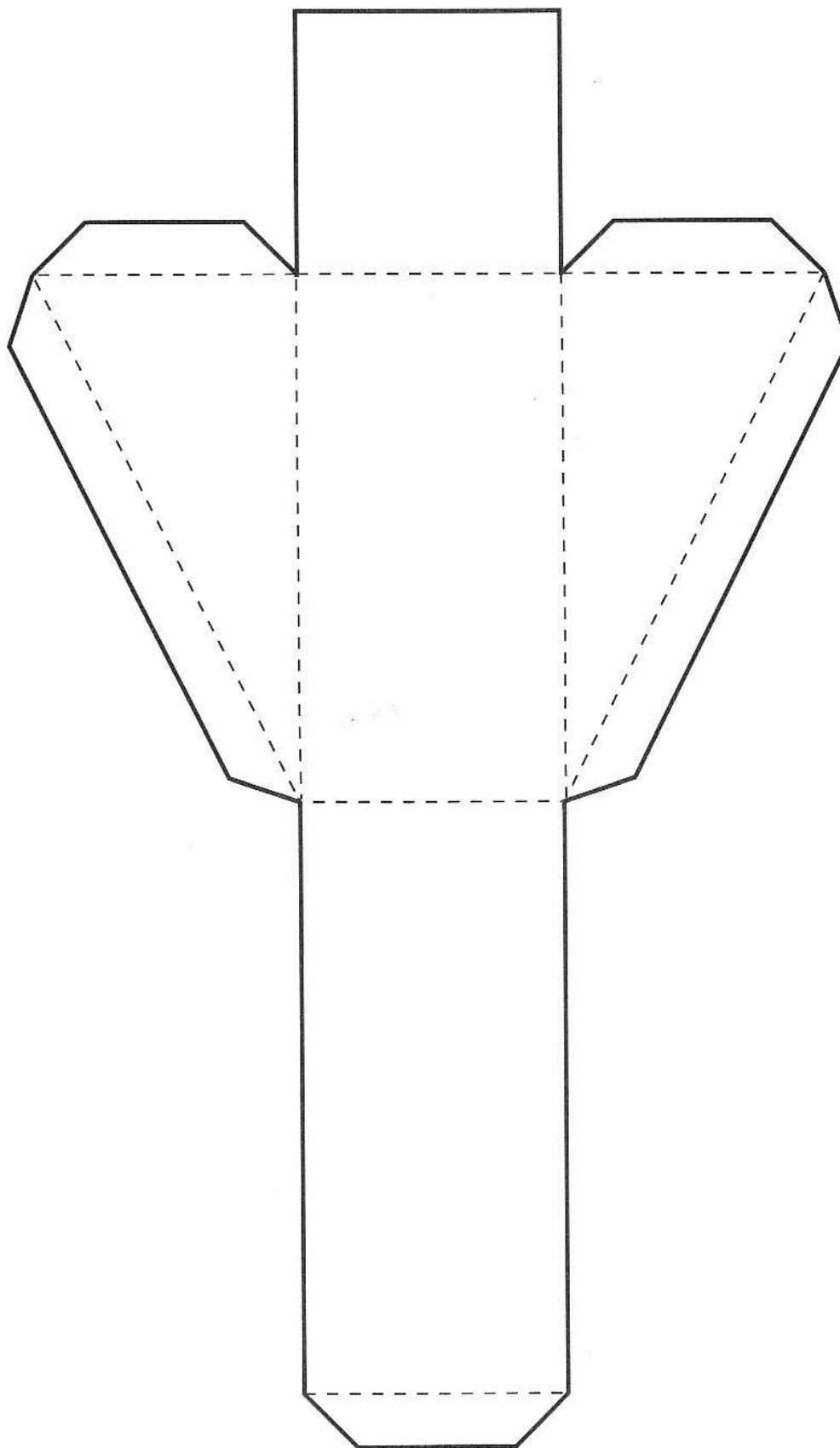
THIS PAGE IS LEFT BLANK

BLM 7 Sample Net of Cube



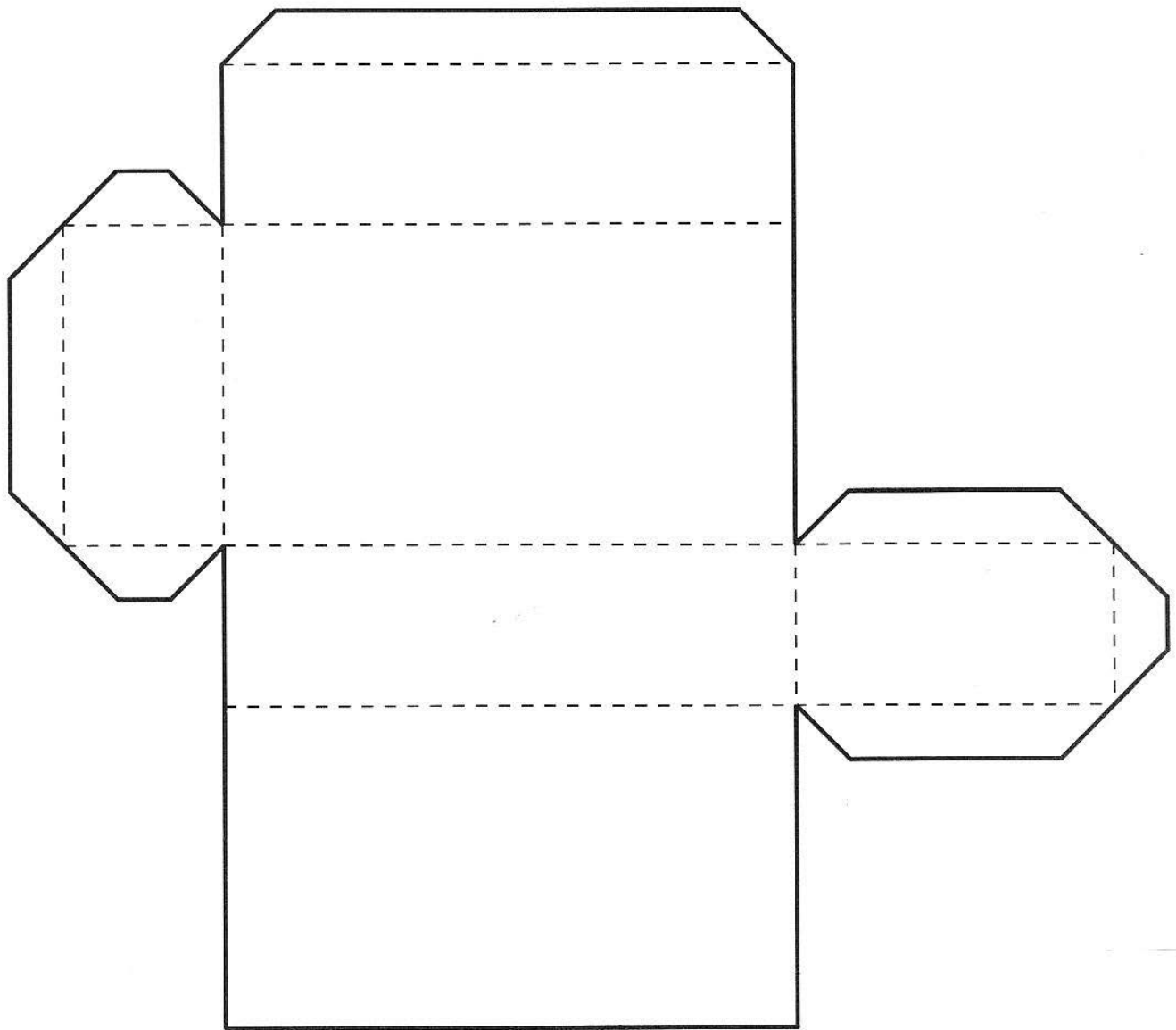
THIS PAGE IS LEFT BLANK

BLM 8 Sample Net of Right Triangle-based Prism



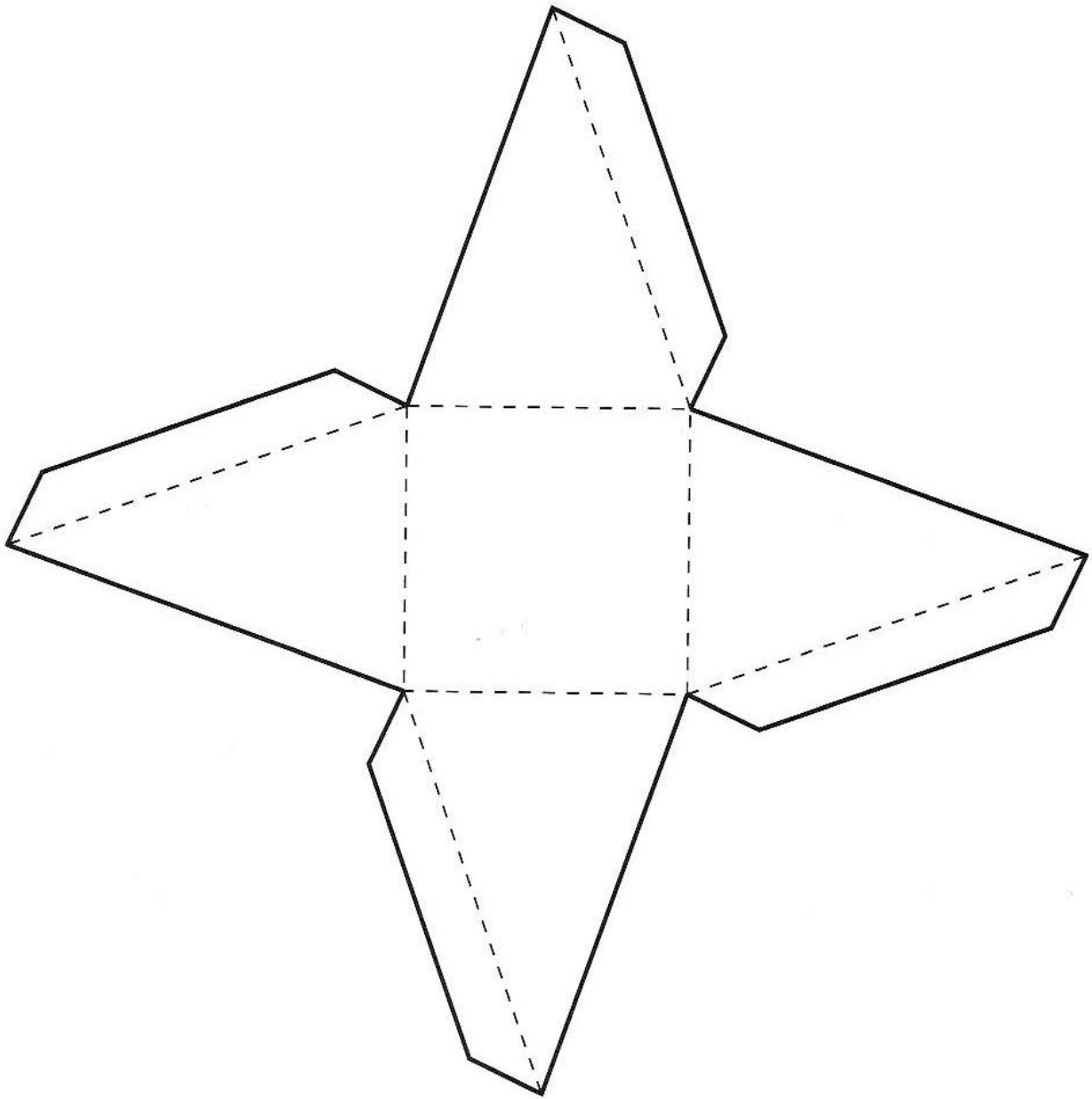
THIS PAGE IS LEFT BLANK

BLM 9 Sample Net of Rectangle-based Prism



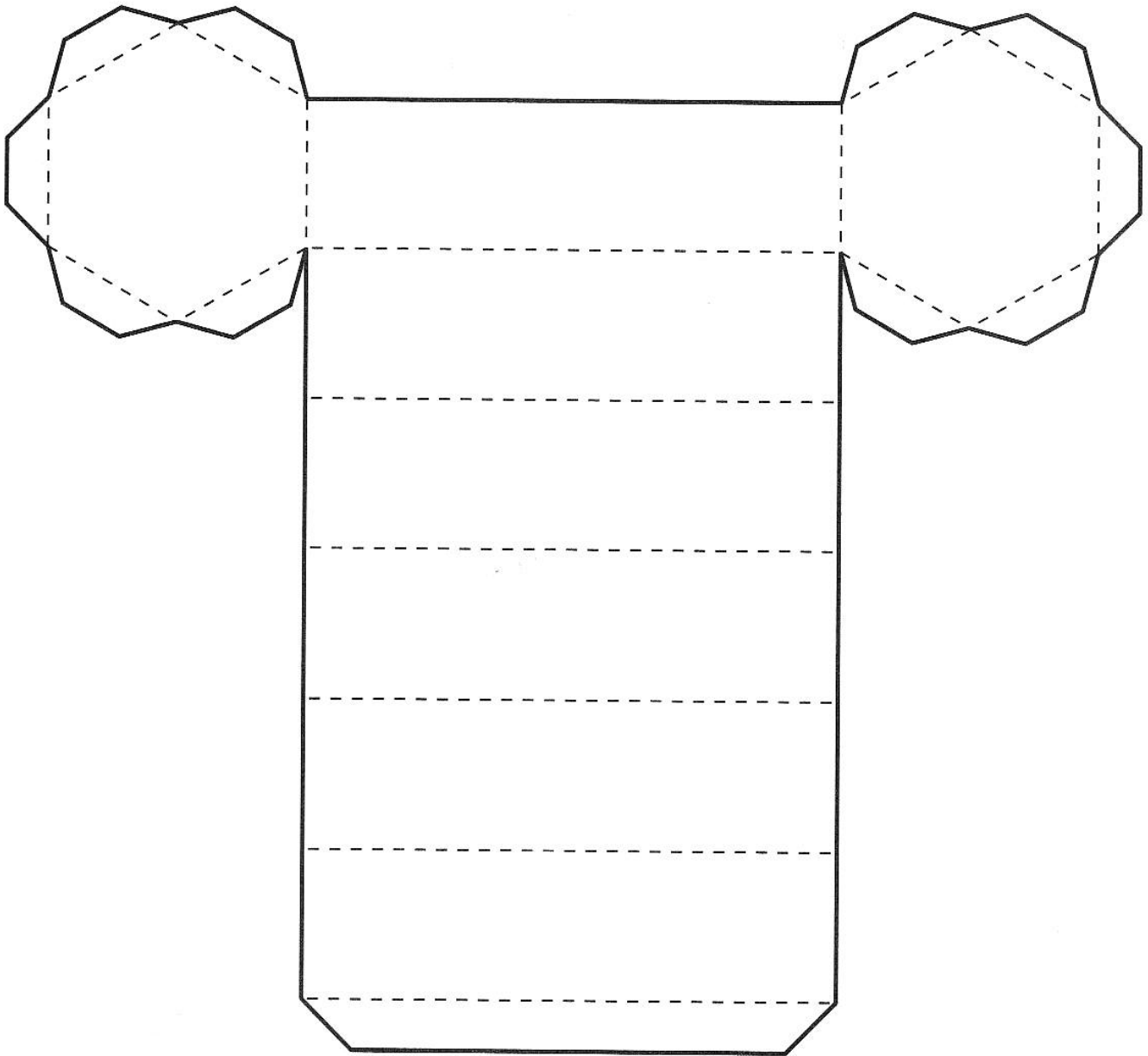
THIS PAGE IS LEFT BLANK

BLM 10 Sample Net of Square-based Pyramid



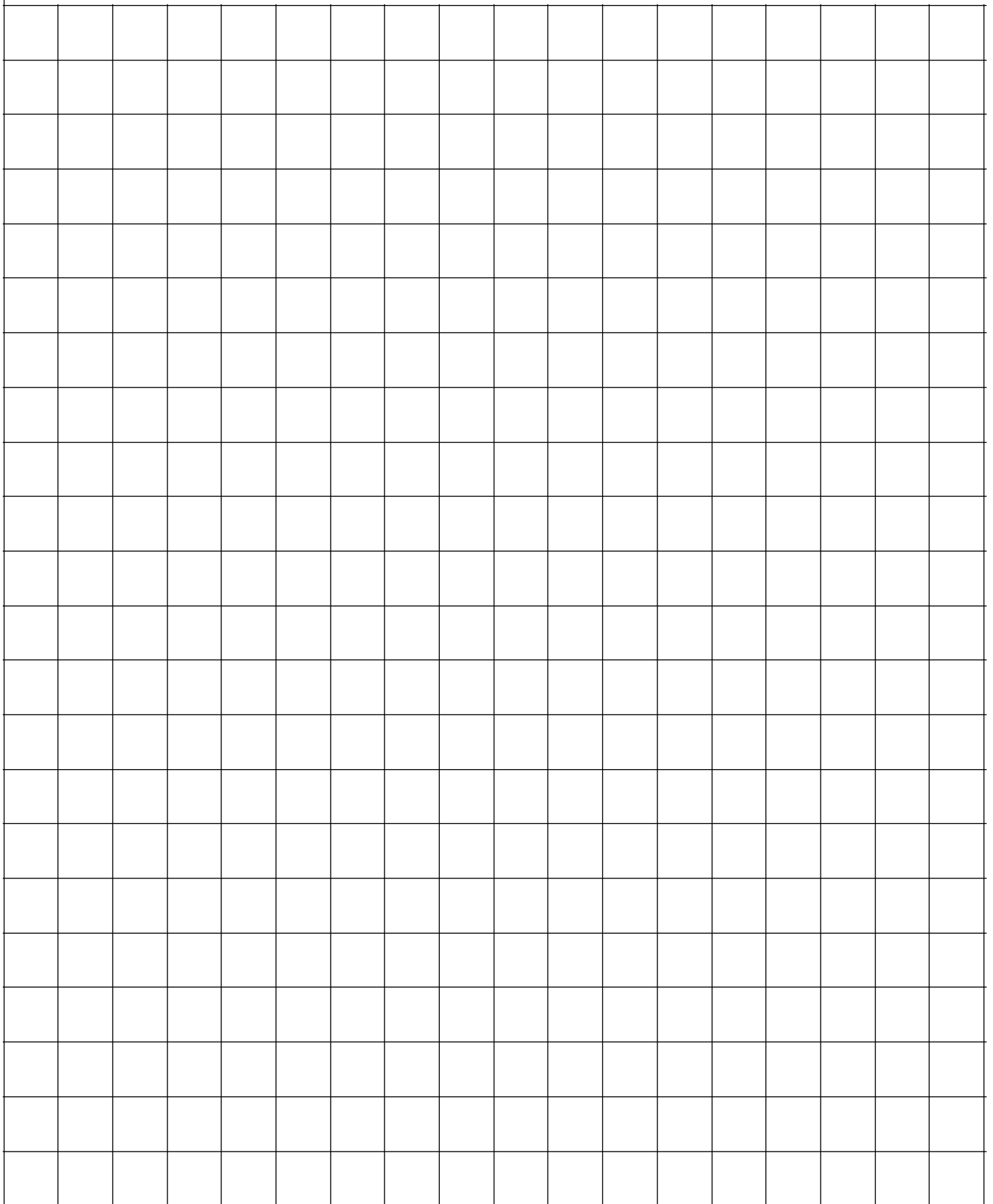
THIS PAGE IS LEFT BLANK

BLM 11 Sample Net of Regular Hexagon-based Prism



THIS PAGE IS LEFT BLANK

BLM 12 Grid Paper (1 cm by 1 cm)



THIS PAGE IS LEFT BLANK

UNIT 3 DECIMAL COMPUTATION

BLM 1 Place Value Charts I

Tens	Ones	Tenths	Hundredths	Thousandths

Tens	Ones	Tenths	Hundredths	Thousandths

Tens	Ones	Tenths	Hundredths	Thousandths

Tens	Ones	Tenths	Hundredths	Thousandths

Tens	Ones	Tenths	Hundredths	Thousandths

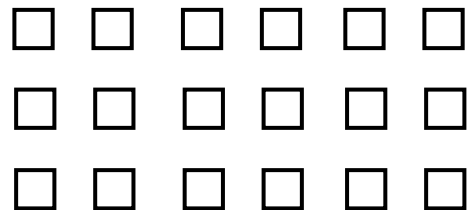
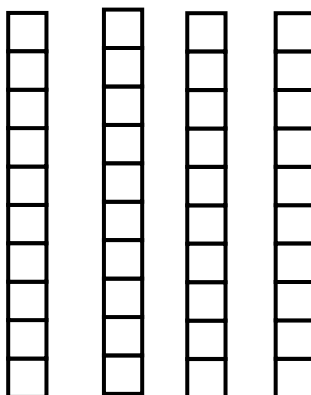
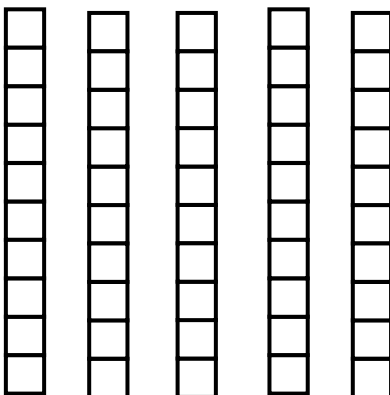
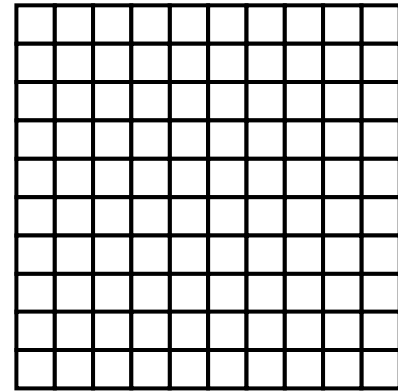
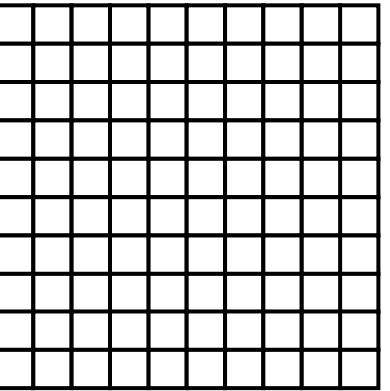
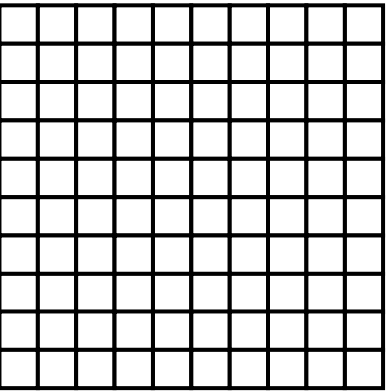
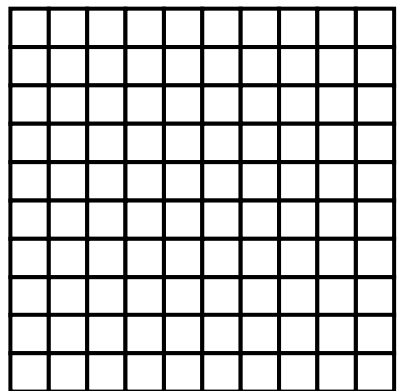
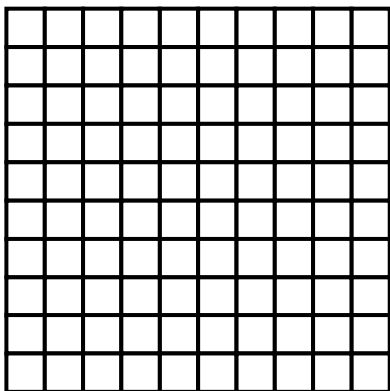
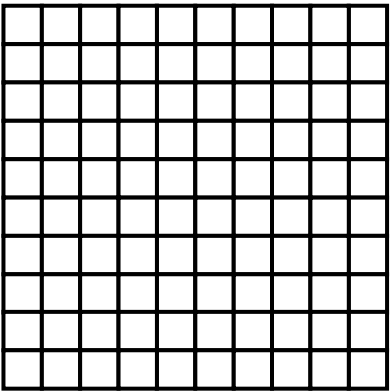
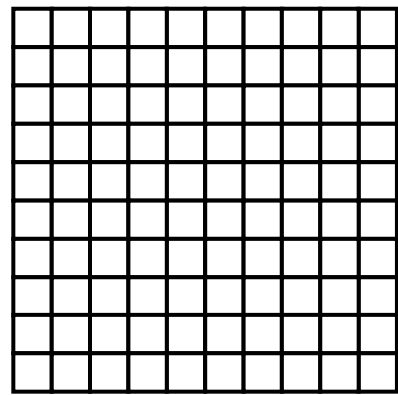
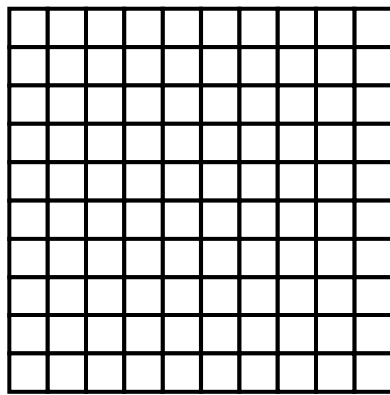
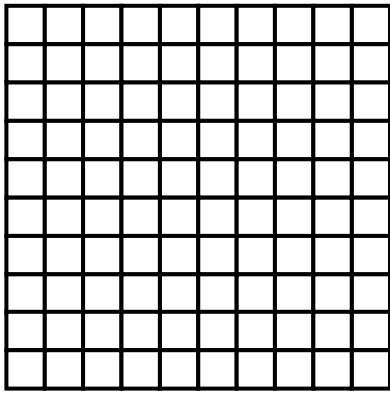
Tens	Ones	Tenths	Hundredths	Thousandths

Tens	Ones	Tenths	Hundredths	Thousandths

Tens	Ones	Tenths	Hundredths	Thousandths

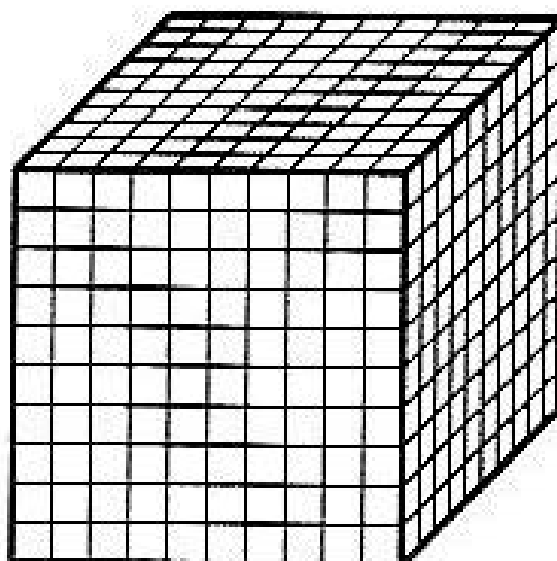
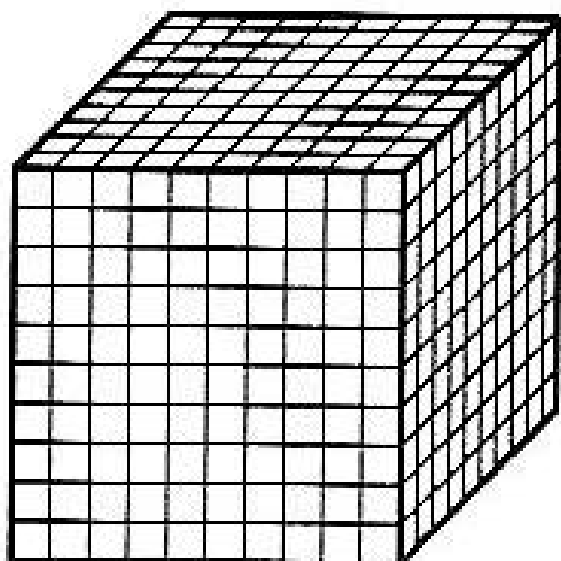
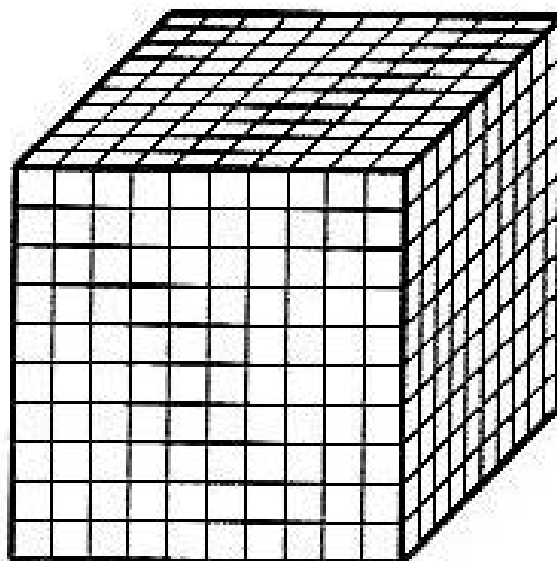
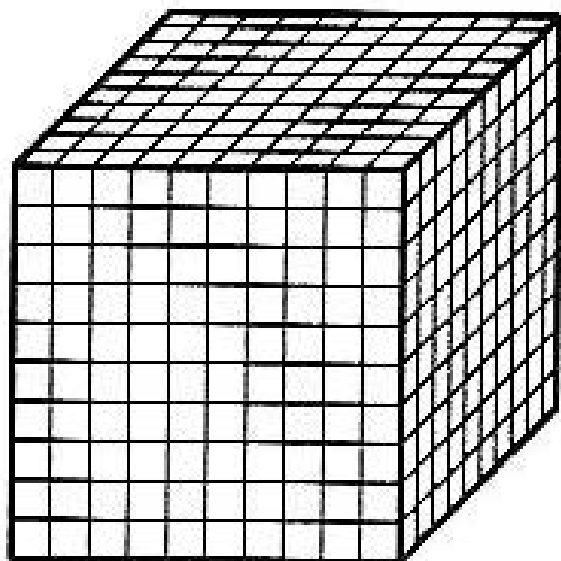
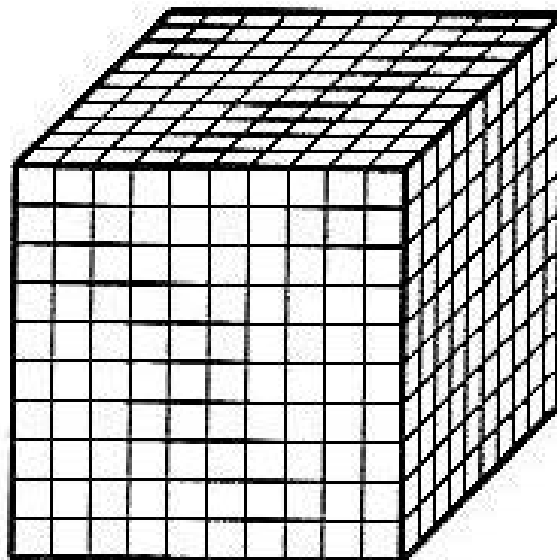
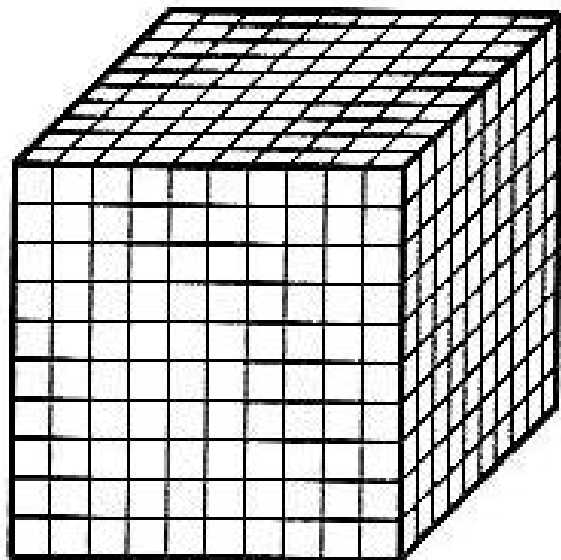
THIS PAGE IS LEFT BLANK

BLM 2A Base Ten Models (Hundreds, Tens, and Ones)



THIS PAGE IS LEFT BLANK

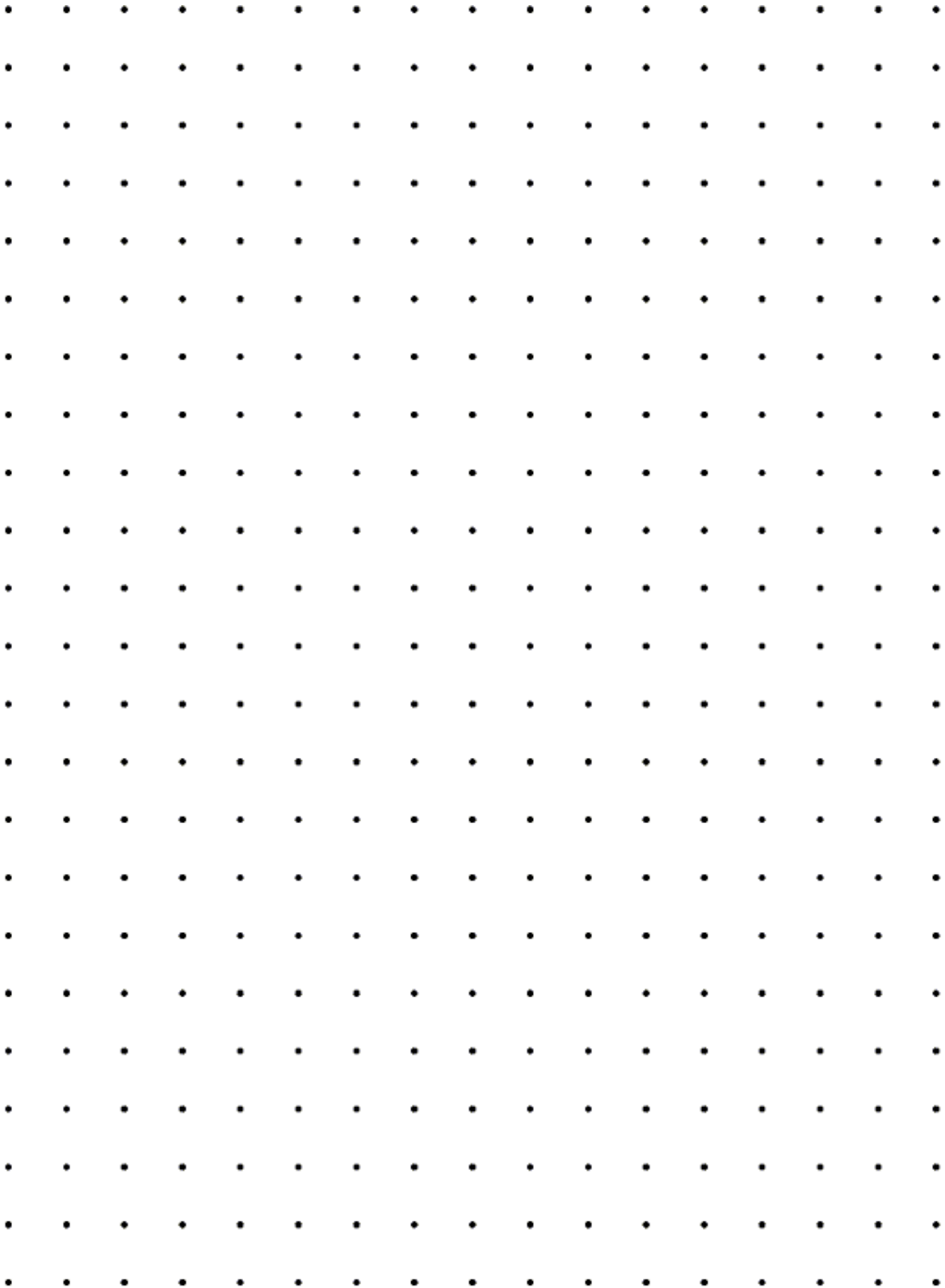
BLM 2B Base Ten Models (Thousands)



THIS PAGE IS LEFT BLANK

UNIT 4 MEASUREMENT

BLM 1 Square Dot Grid Paper



THIS PAGE IS LEFT BLANK

UNIT 5 RATIO, RATE, AND PERCENT

BLM 1 Getting Started Squares

THIS PAGE IS LEFT BLANK

BLM 2 Ratio Match Game Cards

2 : 4	0.75	16%	0.33	0.40	10%
1 : 10	0.23	80%	$\frac{2}{5}$	2 : 3	75%
$\frac{4}{6}$	$\frac{8}{10}$	50%	4 : 6	40%	54%
75 : 100	0.54	23%	$\frac{4}{5}$	0.16	$\frac{2}{3}$
0.1	33%	2 : 5	$\frac{1}{10}$	$\frac{3}{4}$	0.80

THIS PAGE IS LEFT BLANK

UNIT 6 NUMBER RELATIONSHIPS

BLM 1 Place Value Charts II

Billions	Millions			Thousands			Ones		
One	Hundred	Ten	One	Hundred	Ten	One	Hundred	Ten	One

Billions	Millions			Thousands			Ones		
One	Hundred	Ten	One	Hundred	Ten	One	Hundred	Ten	One

Billions	Millions			Thousands			Ones		
One	Hundred	Ten	One	Hundred	Ten	One	Hundred	Ten	One

Billions	Millions			Thousands			Ones		
One	Hundred	Ten	One	Hundred	Ten	One	Hundred	Ten	One

Billions	Millions			Thousands			Ones		
One	Hundred	Ten	One	Hundred	Ten	One	Hundred	Ten	One

THIS PAGE IS LEFT BLANK

BLM 2 Place Value Charts III

Tens	Ones	Tenths	Hundredths	Thousandths	Ten thousandths

Tens	Ones	Tenths	Hundredths	Thousandths	Ten thousandths

Tens	Ones	Tenths	Hundredths	Thousandths	Ten thousandths

Tens	Ones	Tenths	Hundredths	Thousandths	Ten thousandths

Tens	Ones	Tenths	Hundredths	Thousandths	Ten thousandths

Tens	Ones	Tenths	Hundredths	Thousandths	Ten thousandths

THIS PAGE IS LEFT BLANK

BLM 3 100 Charts

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

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

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

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

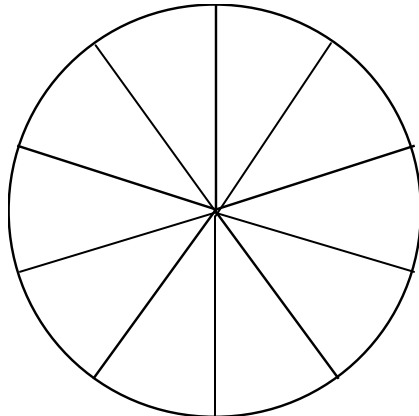
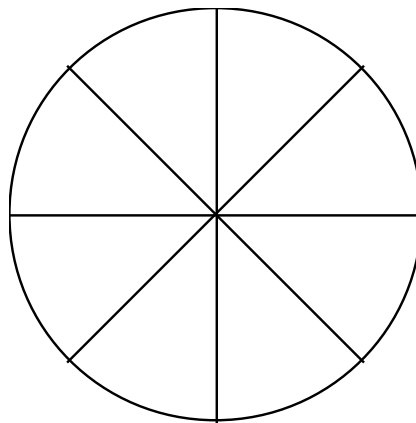
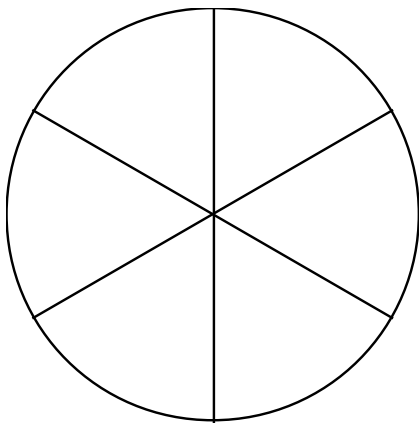
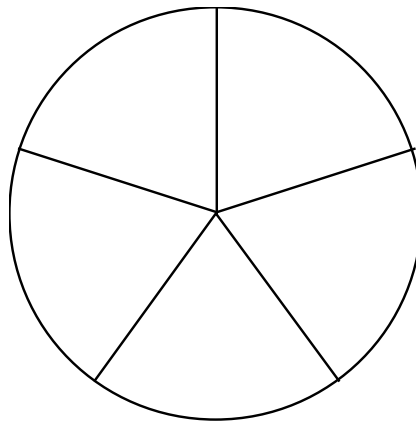
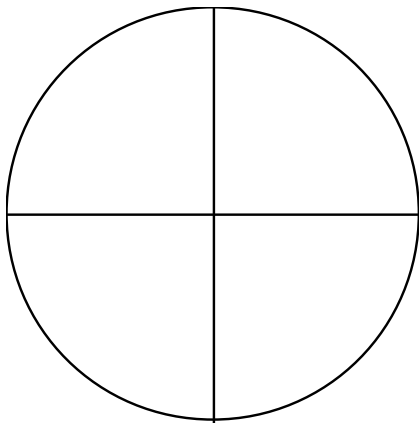
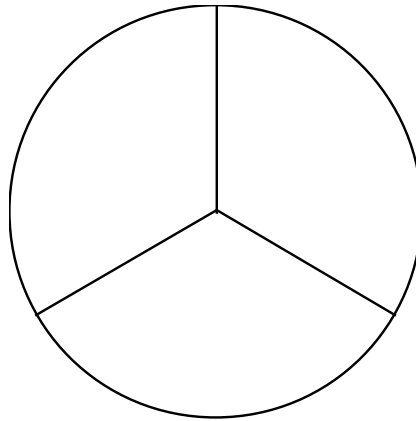
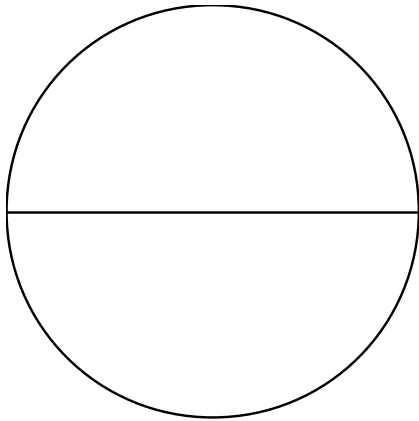
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

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

THIS PAGE IS LEFT BLANK

UNIT 7 DATA AND PROBABILITY

BLM 1 Fraction Circles for Spinners



THIS PAGE IS LEFT BLANK