GRADE 4 MATHEMATICS

Blackline Masters

BLM 4.N.1.1

Number of the Day

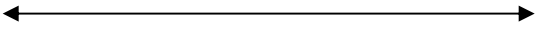
Write the number in words: _____

Write the number in expanded form: _____

Write the number that

is 1 more	is 1 less
is 10 more	is 10 less
is 100 more	is 100 less
is 1000 more	is 1000 less

Represent the number using

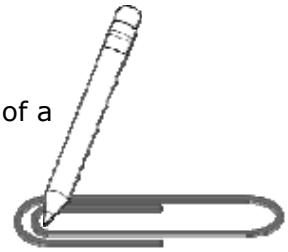
Place Value	Base-10 Blocks
Money	Number Line 

BLM 4.N.1.2

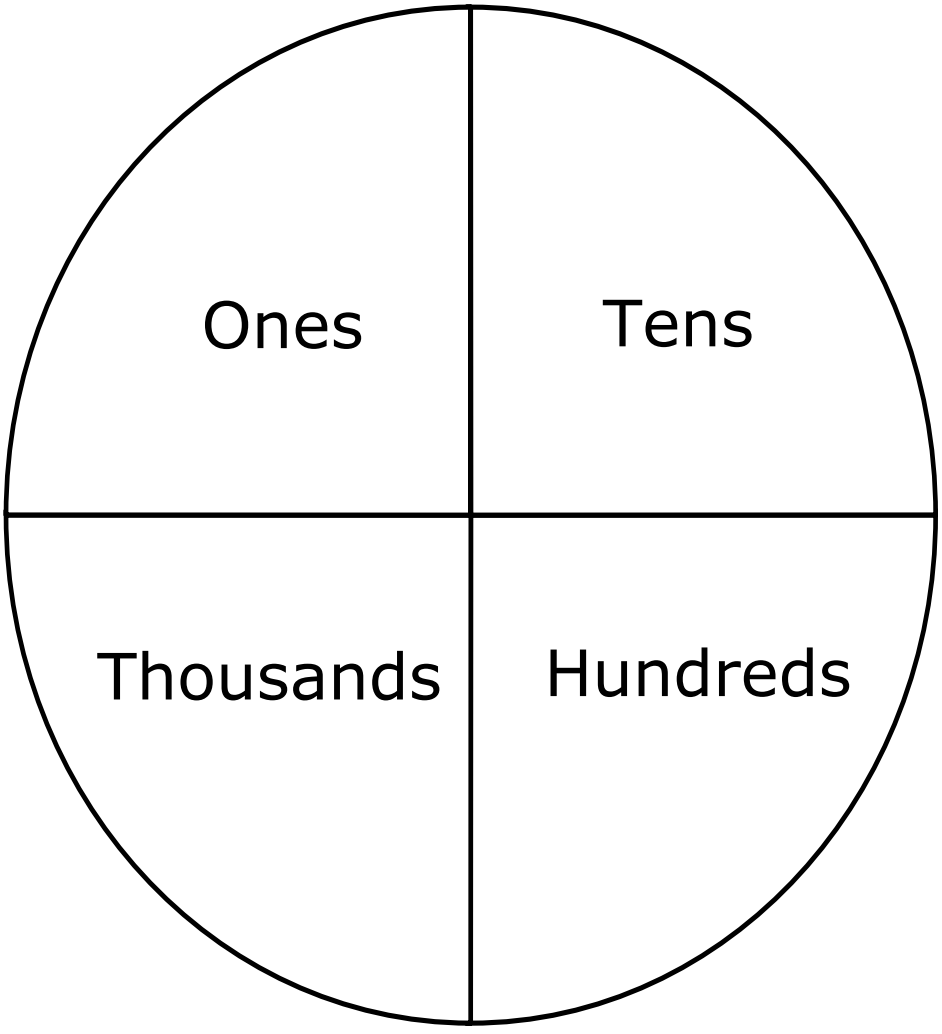
Renaming Numbers

4230	**1305**	**2087**	**4387**
4000 + 200 + 30	**1000 + 300 + 5**	**2000 + 80 + 7**	**4000 + 300 + 80 + 7**
423 tens	**130 tens 5 ones**	**208 tens 7 ones**	**3 th 13 h 8 t 7 ones**
3 th 12 h 3 t	**1 th 2 h 10 t 5 ones**	**1 th 10 h 8 t 7 ones**	**438 tens 7 ones**
4 th 1 h 13 tens	**1305 ones**	**207 tens 17 ones**	**4387 ones**

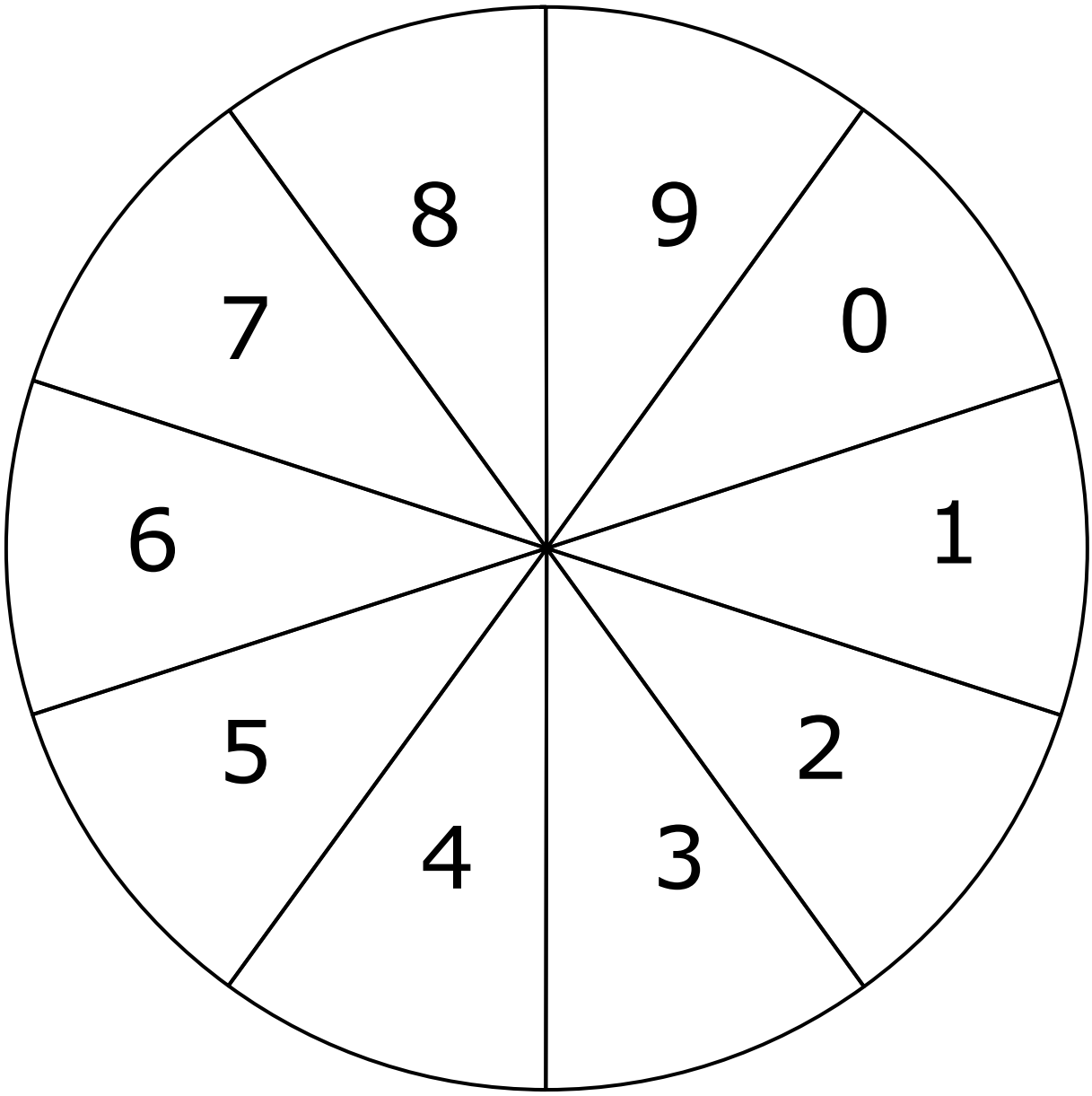
Spinners and Place-Value Charts



Note: To make a sample spinner, place the point of the pencil on the centre of a circle, and spin the paper clip around the pencil point.



BLM 4.N.1.3

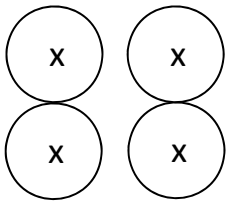
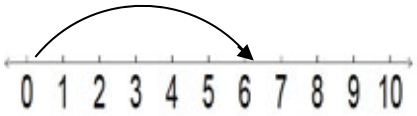
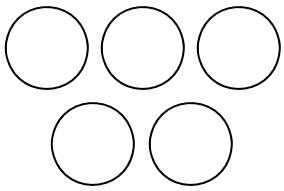
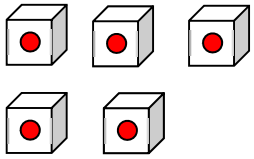
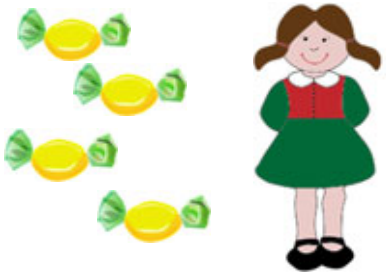


THOUSANDS	HUNDREDS	TENS	ONES

THOUSANDS	HUNDREDS	TENS	ONES

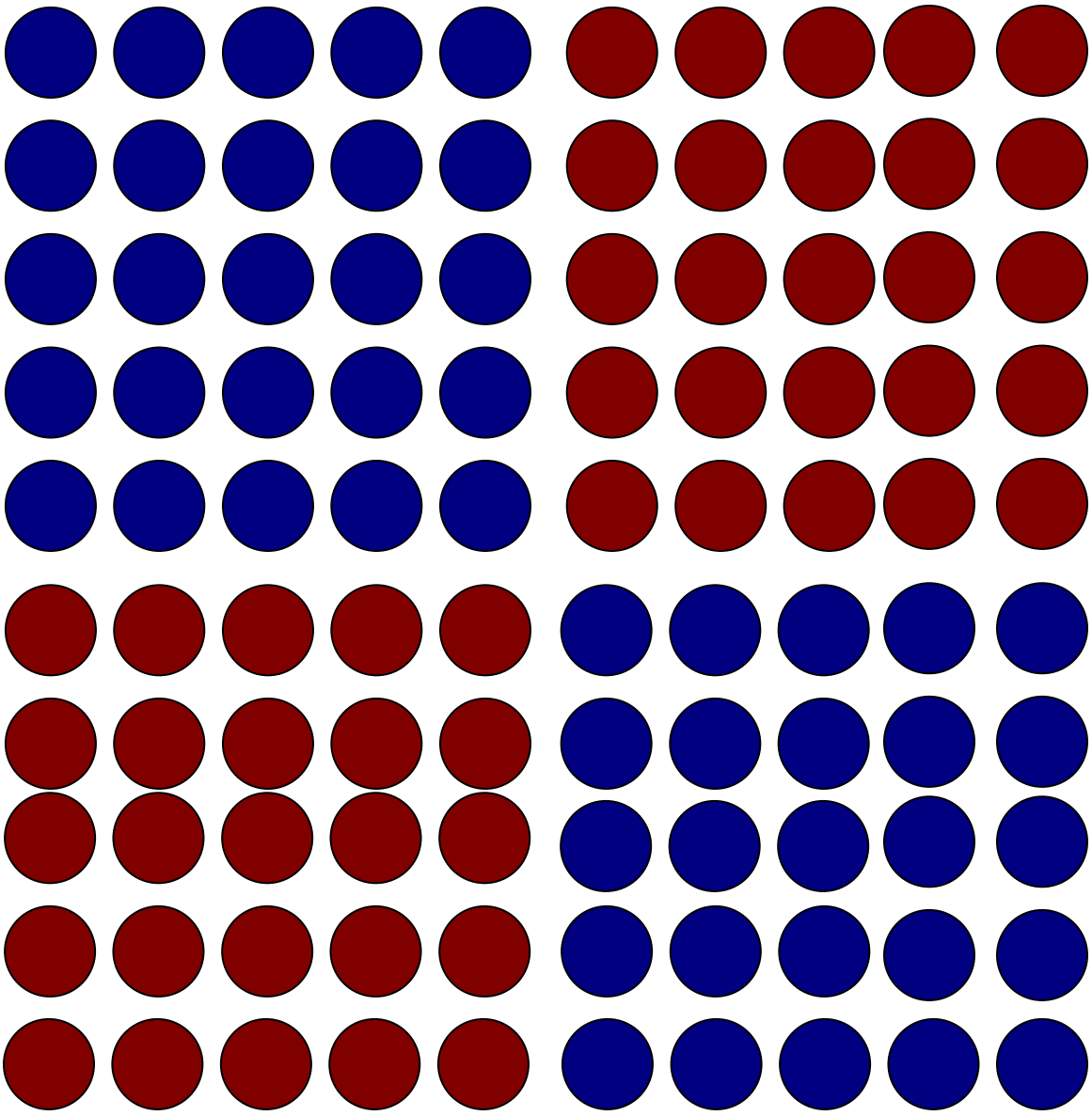
BLM 4.N.4.1

Equation Match

4 x 1	1 + 1 + 1 + 1	
1 x 6	X X X X X X 1 row of 6	
5 x 0		0 + 0 + 0 + 0 + 0
Sam has 5 candies. He wants to put 1 candy in each box. How many boxes can he make?		
Jill has 4 candies in her pocket. She wants to eat them all herself. How many candies will she eat?	4 ÷ 1	

BLM 4.N.5.1

Dot Array



BLM 4.N.5.2

Relating Multiplication to Division Match Game

Match the multiplication number sentence (equation) to the matching division number sentence (equation).

❑ x 8 = 40	40 ÷ 8 = ❑
❑ x 4 = 24	24 ÷ 4 = ❑
24 = 6 x ❑	24 ÷ 6 = ❑
5 x ❑ = 35	35 ÷ 5 = ❑
❑ x 7 = 35	35 ÷ 7 = ❑
❑ x 9 = 27	27 ÷ 9 = ❑
27 = 3 x ❑	27 ÷ 3 = ❑
36 = 6 x ❑	36 ÷ 6 = ❑
9 x ❑ = 36	36 ÷ 9 = ❑
4 x ❑ = 40	40 ÷ 4 = ❑

Extension: Choose two different equations. Write a word problem for each equation.

Show the Fraction

Directions: Draw a picture of each fraction as part of a whole and as part of a set.

Fraction	of a whole	of a set
$\frac{3}{4}$		
$\frac{1}{3}$		
$\frac{2}{5}$		
$\frac{4}{8}$		

BLM 4.N.8.2

Fraction Cards for Interview #1

$\frac{3}{8}$	$\frac{3}{4}$	$\frac{3}{5}$
$\frac{3}{10}$	$\frac{3}{9}$	$\frac{3}{12}$
$\frac{3}{7}$	$\frac{3}{3}$	$\frac{3}{6}$

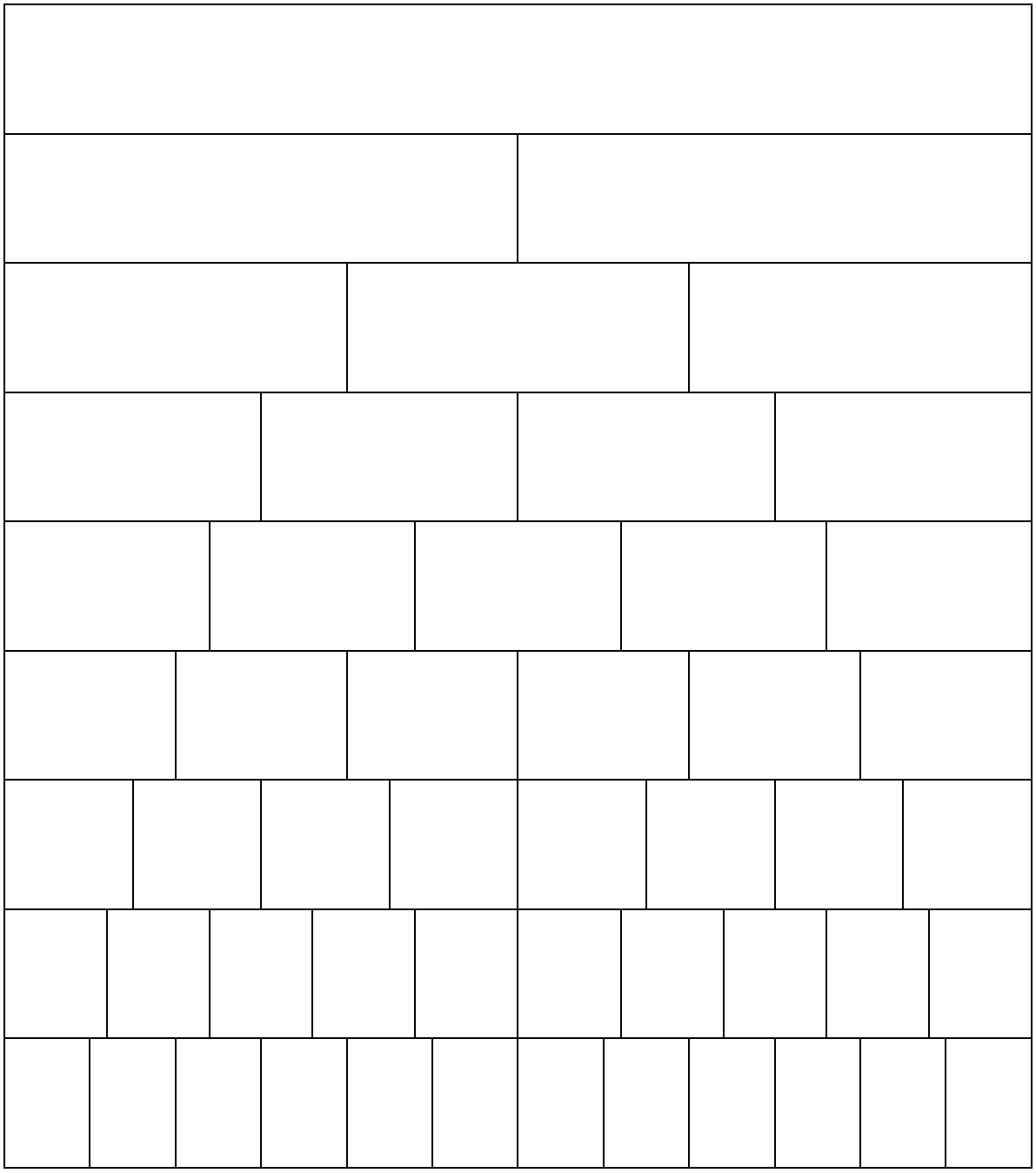
BLM 4.N.8.3

Fraction Cards for Interview #2

$\frac{6}{10}$	$\frac{4}{10}$	$\frac{1}{10}$
$\frac{8}{10}$	$\frac{2}{10}$	$\frac{7}{10}$
$\frac{3}{10}$	$\frac{5}{10}$	$\frac{10}{10}$

BLM 4.N.8.4

Fraction Bars



BLM 4.N.8.5

Less than $\frac{1}{2}$ or Greater than $\frac{1}{2}$ Sort

$\frac{5}{8}$	$\frac{3}{4}$	$\frac{4}{10}$
$\frac{6}{9}$	$\frac{3}{7}$	$\frac{2}{3}$
$\frac{4}{12}$	$\frac{2}{5}$	$\frac{2}{4}$

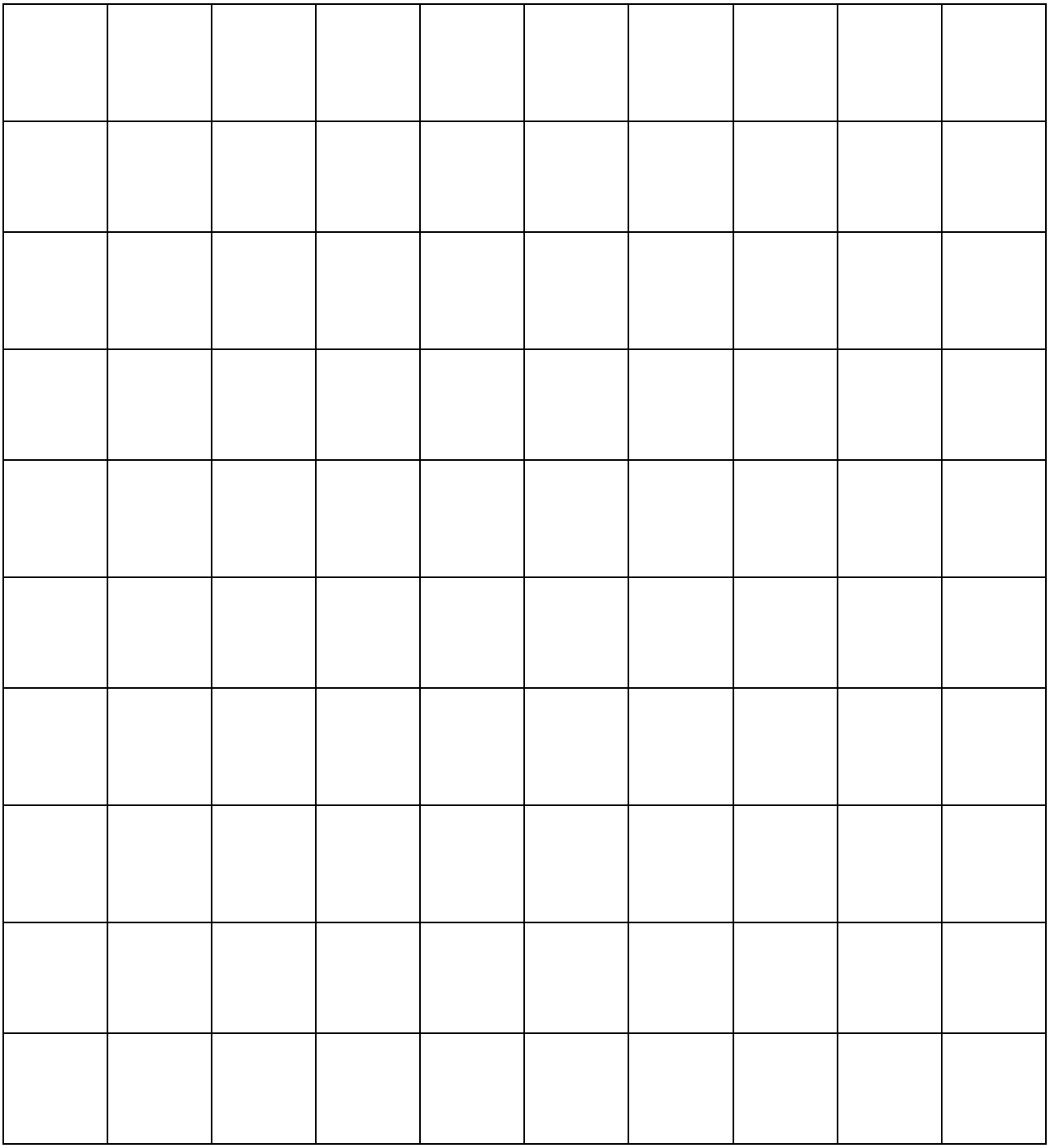
BLM 4.N.8.6

Close to 0 or Close to 1?

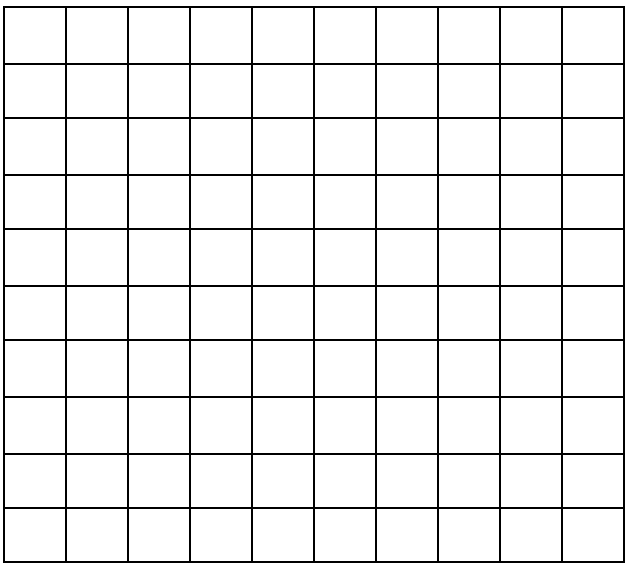
$\frac{1}{8}$	$\frac{9}{10}$	$\frac{3}{4}$
$\frac{2}{7}$	$\frac{2}{10}$	$\frac{7}{9}$
$\frac{5}{6}$	$\frac{4}{12}$	$\frac{1}{2}$

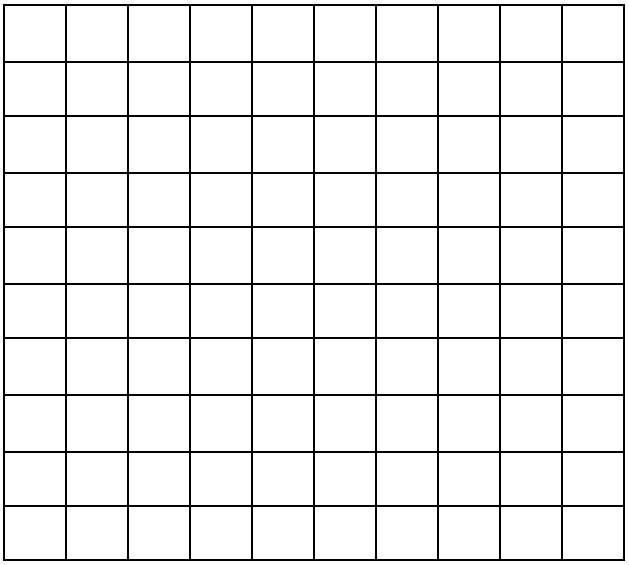
BLM 4.N.9.1

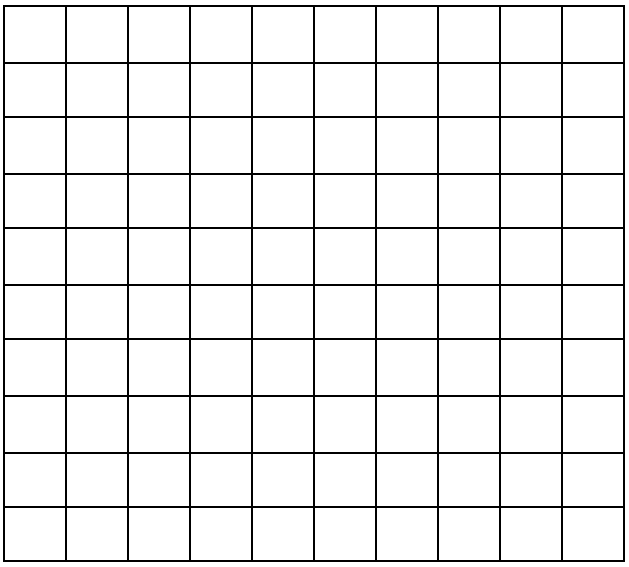
Hundredth Squares/Grids

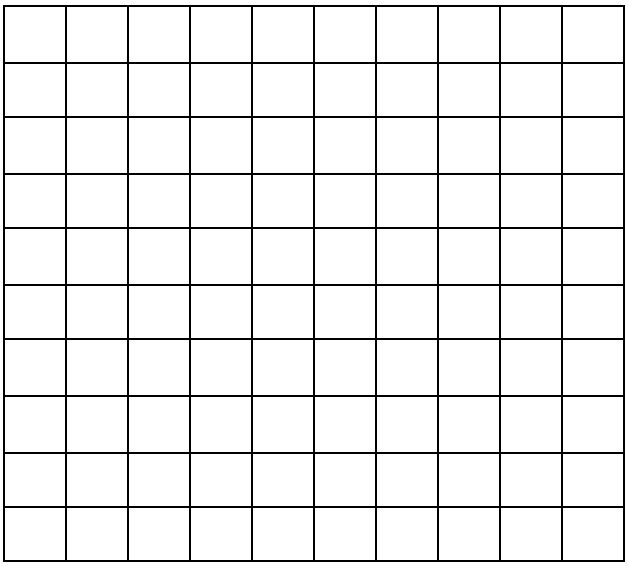


Small Hundredth Squares/Grids









BLM 4.PR.1.1

Hundred 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

BLM 4.PR.1.2

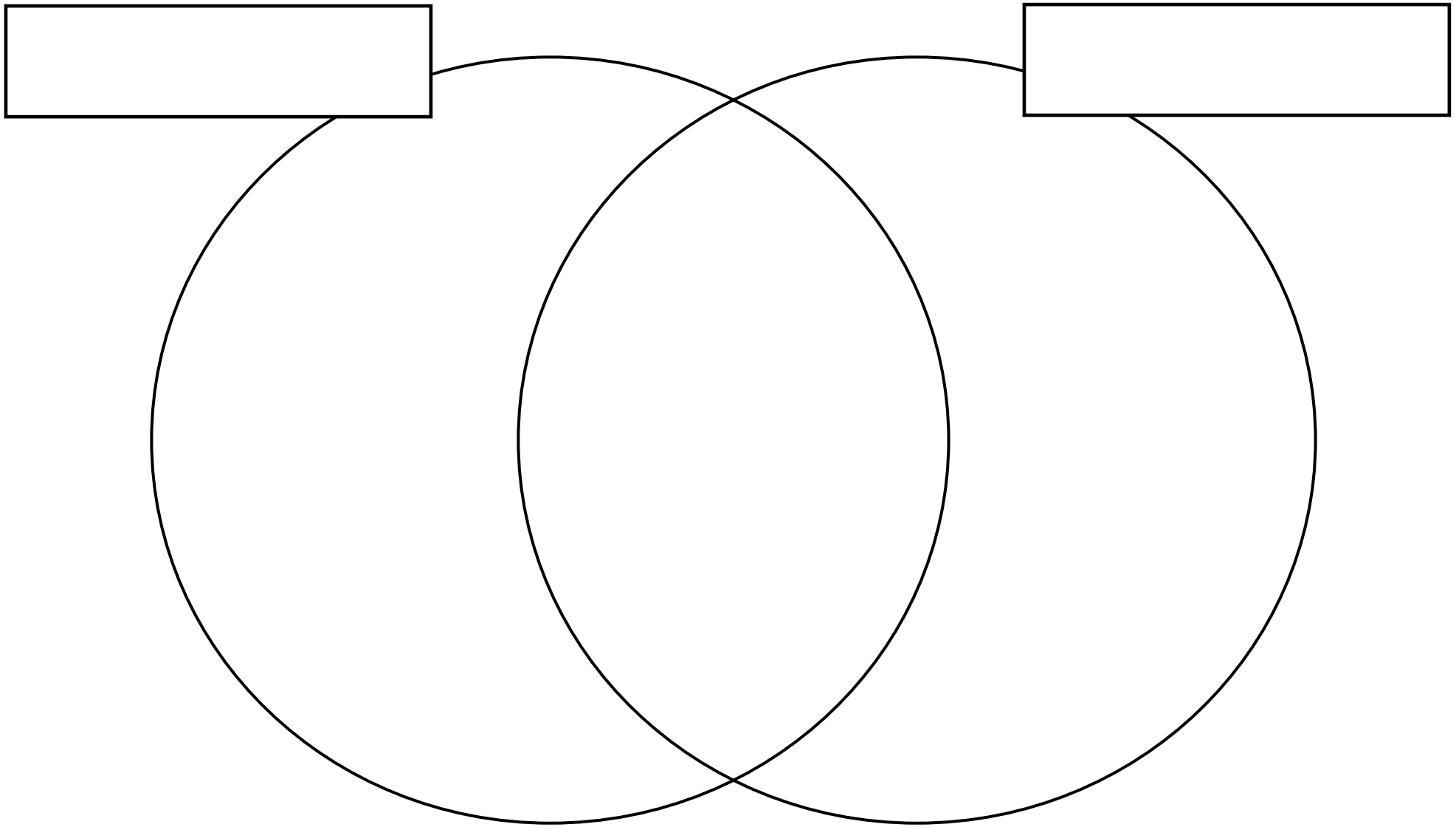
Multiplication Table

x	0	1	2	3	4	5	6	7	8	9
0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9
2	0	2	4	6	8	10	12	14	16	18
3	0	3	6	9	12	15	18	21	24	27
4	0	4	8	12	16	20	24	28	32	36
5	0	5	10	15	20	25	30	35	40	45
6	0	6	12	18	24	30	36	42	48	54
7	0	7	14	21	28	35	42	49	56	63
8	0	8	16	24	32	40	48	56	64	72
9	0	9	18	27	36	45	54	63	72	81

Carroll Diagram

BLM 4.PR.4.2

Venn Diagram



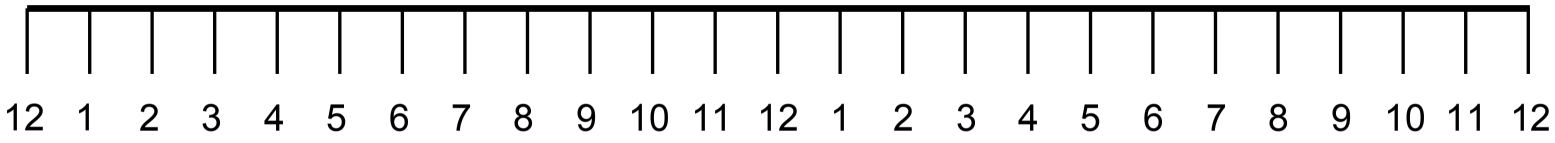
BLM 4.SS.1.1

Telling Time Makes Me Think Of . . .

Use words, numbers, or pictures to finish the sentence.

BLM 4.SS.1.2

Timeline: The Day in the Life of _____



BLM 4.SS.1.3

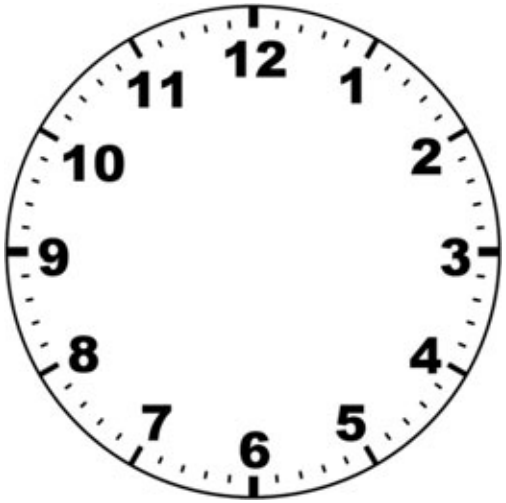
AM and PM Activities

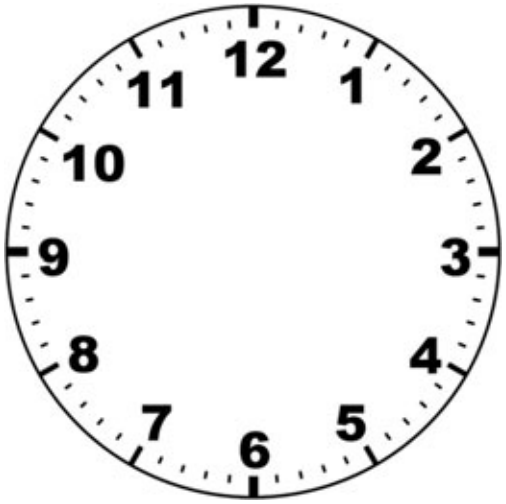
Write the activities you do during the day.

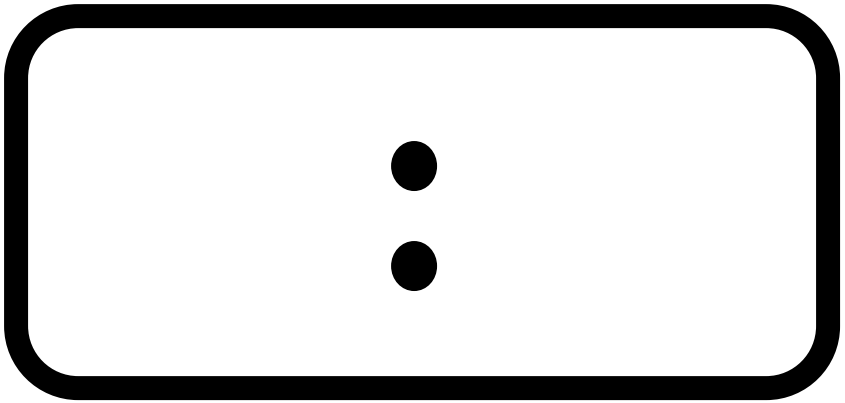
Time	AM Activity	PM Activity
1:00		
2:00		
3:00		
4:00		
5:00		
6:00		
7:00		
8:00		
9:00		
10:00		
11:00		
12:00		

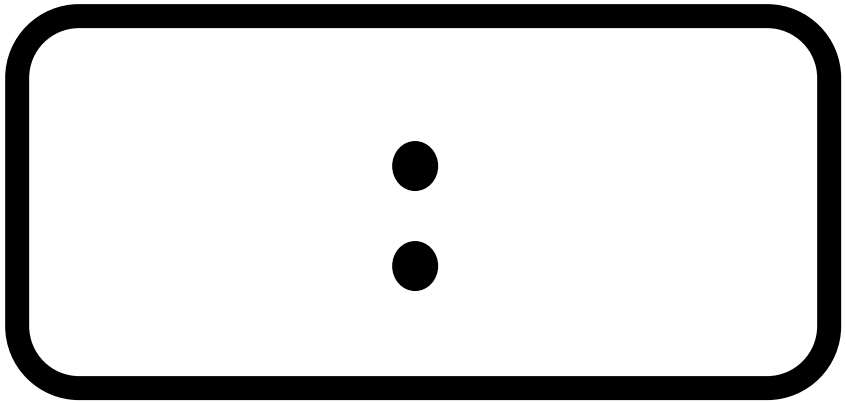
BLM 4.SS.1.4

Analog and Digital Clock Faces









BLM 4.SS.1.5

Digital Times

12:00	12:05
12:10	12:15
12:20	12:25
12:30	12:35
12:40	12:45
12:50	12:55

BLM 4.SS.1.5

Digital Times

1:00	1:05
1:10	1:15
1:20	1:25
1:30	1:35
1:40	1:45
1:50	1:55

BLM 4.SS.1.5

Digital Times

2:00	2:05
2:10	2:15
2:20	2:25
2:30	2:35
2:40	2:45
2:50	2:55

BLM 4.SS.1.5

Digital Times

3:00	3:05
3:10	3:15
3:20	3:25
3:30	3:35
3:40	3:45
3:50	3:55

BLM 4.SS.1.5

Digital Times

4:00	4:05
4:10	4:15
4:20	4:25
4:30	4:35
4:40	4:45
4:50	4:55

BLM 4.SS.1.5

Digital Times

5:00	5:05
5:10	5:15
5:20	5:25
5:30	5:35
5:40	5:45
5:50	5:55

BLM 4.SS.1.5

Digital Times

6:00	6:05
6:10	6:15
6:20	6:25
6:30	6:35
6:40	6:45
6:50	6:55

BLM 4.SS.1.5

Digital Times

7:00	7:05
7:10	7:15
7:20	7:25
7:30	7:35
7:40	7:45
7:50	7:55

BLM 4.SS.1.5

Digital Times

8:00	8:05
8:10	8:15
8:20	8:25
8:30	8:35
8:40	8:45
8:50	8:55

BLM 4.SS.1.5

Digital Times

9:00	9:05
9:10	9:15
9:20	9:25
9:30	9:35
9:40	9:45
9:50	9:55

BLM 4.SS.1.5

Digital Times

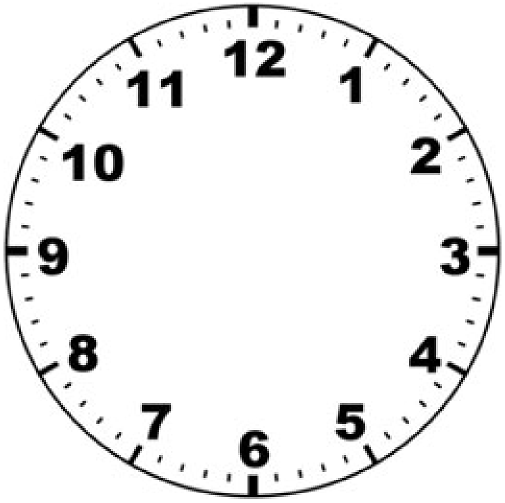
10:00	10:05
10:10	10:15
10:20	10:25
10:30	10:35
10:40	10:45
10:50	10:55

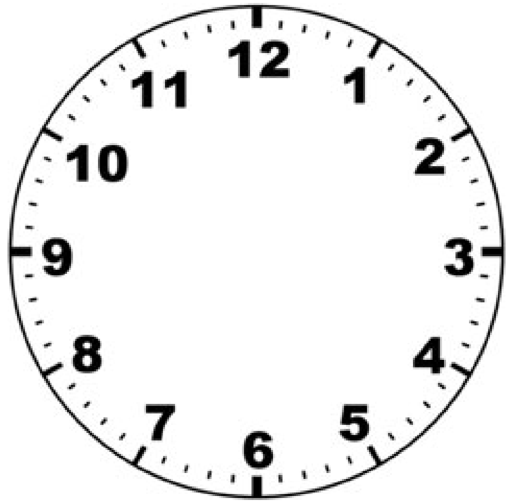
BLM 4.SS.1.5

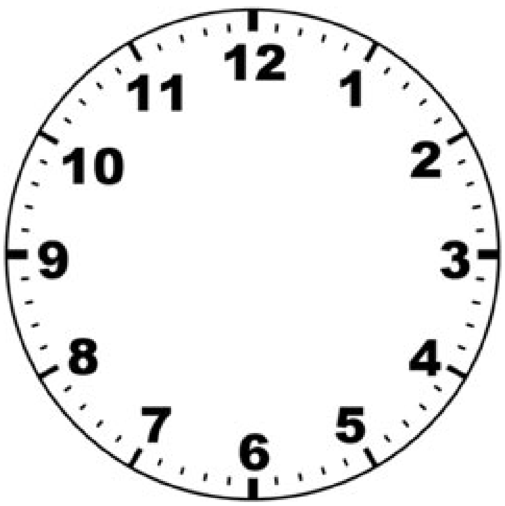
Digital Times

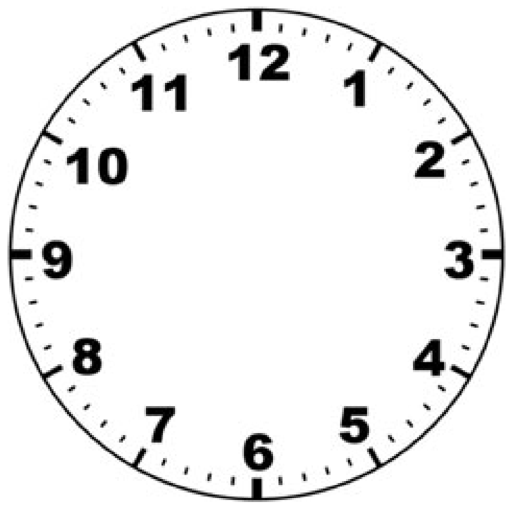
11:00	11:05
11:10	11:15
11:20	11:25
11:30	11:35
11:40	11:45
11:50	11:55

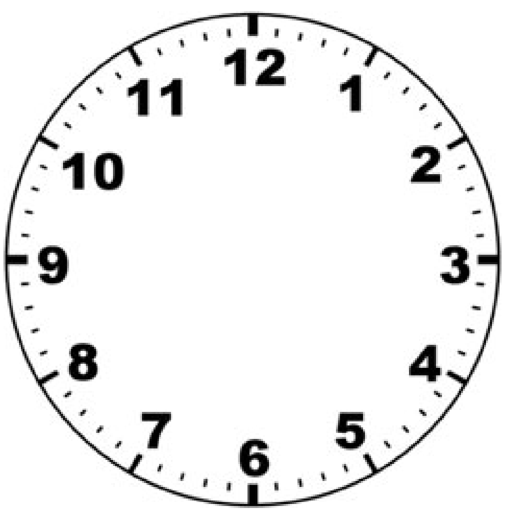
Analog Clock Faces

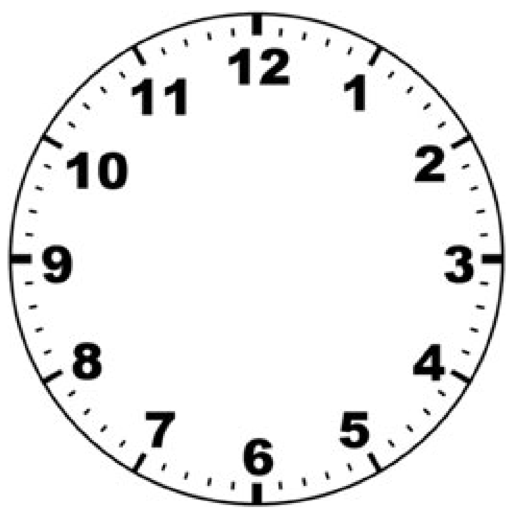






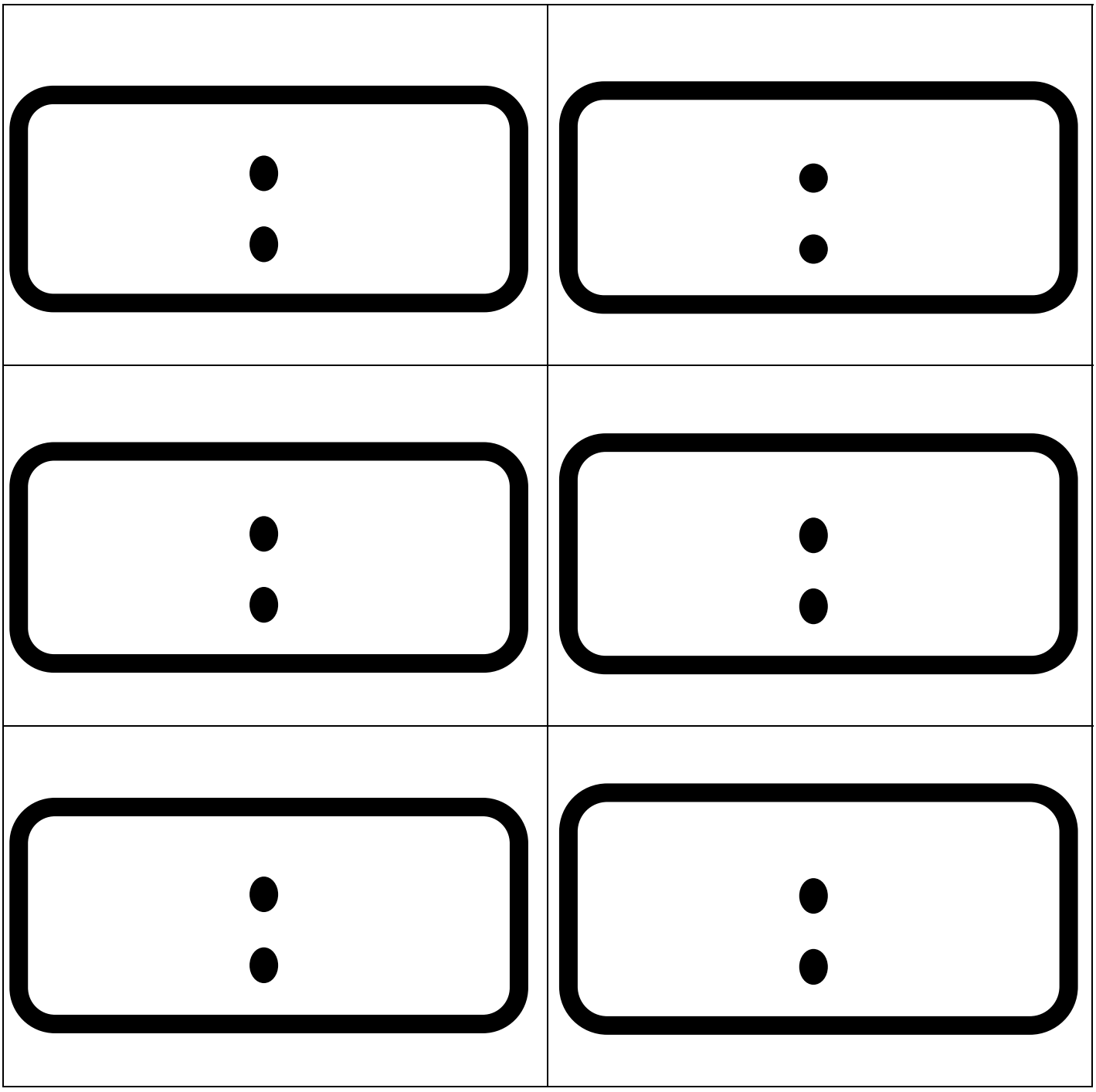




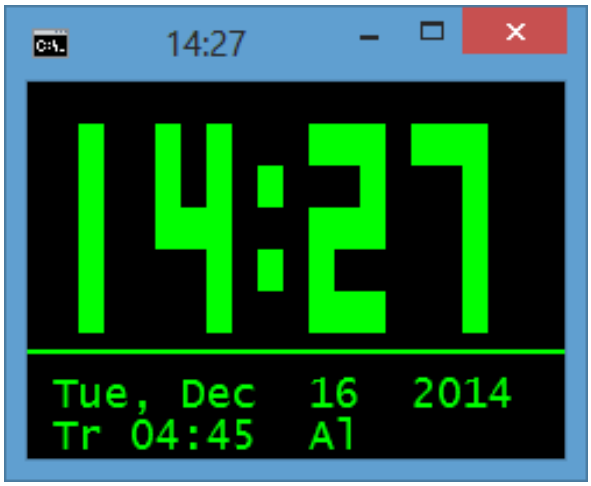


BLM 4.SS.1.7

Digital Clock Faces



24-Hour Clock Notations



Manit Airlines

E L E C T R O N I C T I C K E T

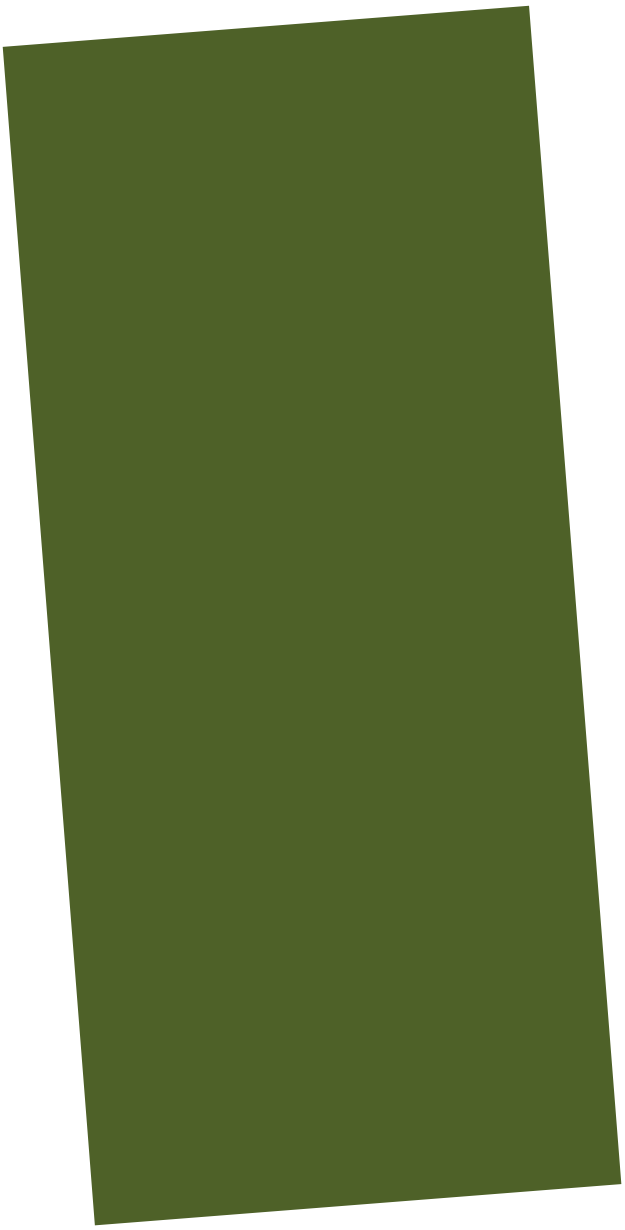
Name: Mason Karin

Reservation #: 1184

Date	Flight	From	To	Status
11 May 2016	525	19:45 - WINNIPEG	21:00 - THOMPSON	CONFIRMED
14 May 2016	523	16:00 - THOMPSON	16:30 - GILLAM	CONFIRMED
14 May 2016	523	16:50 - GILLAM	18:35 - WINNIPEG	CONFIRMED

BLM 4.SS.3.1

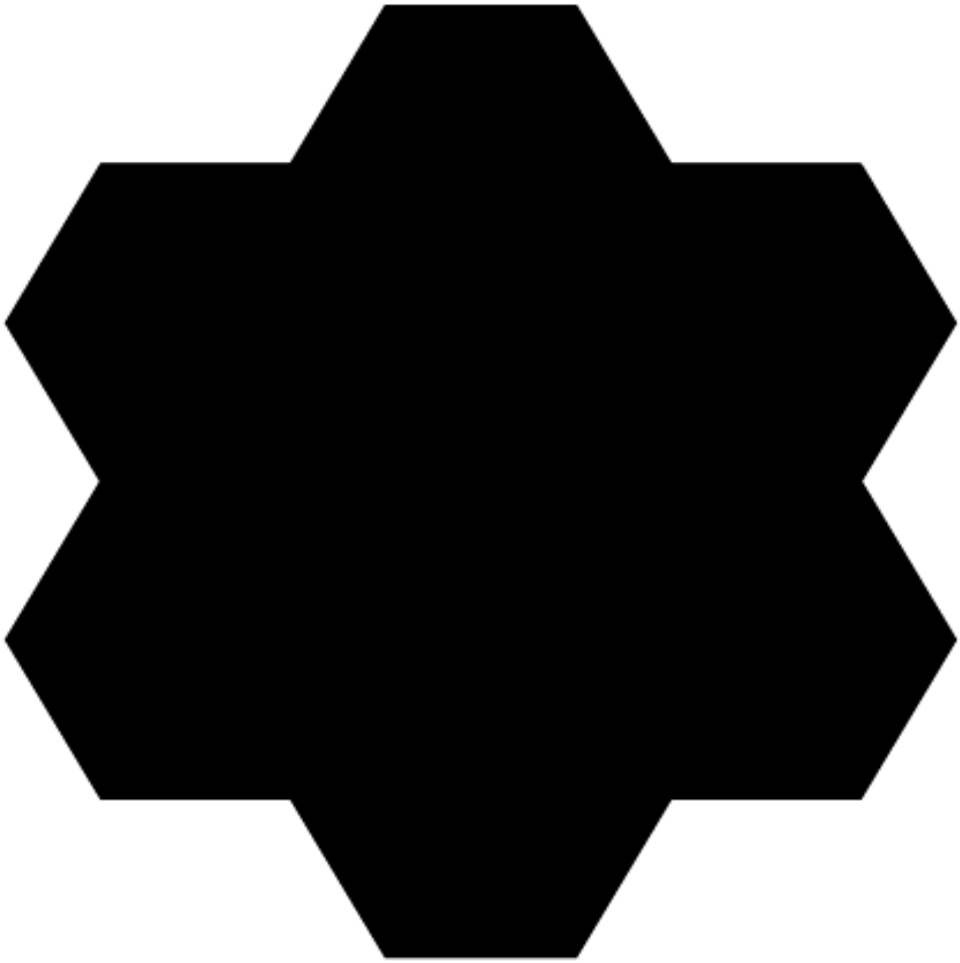
What is the Area?



BLM 4.SS.3.2

Cover the Shape

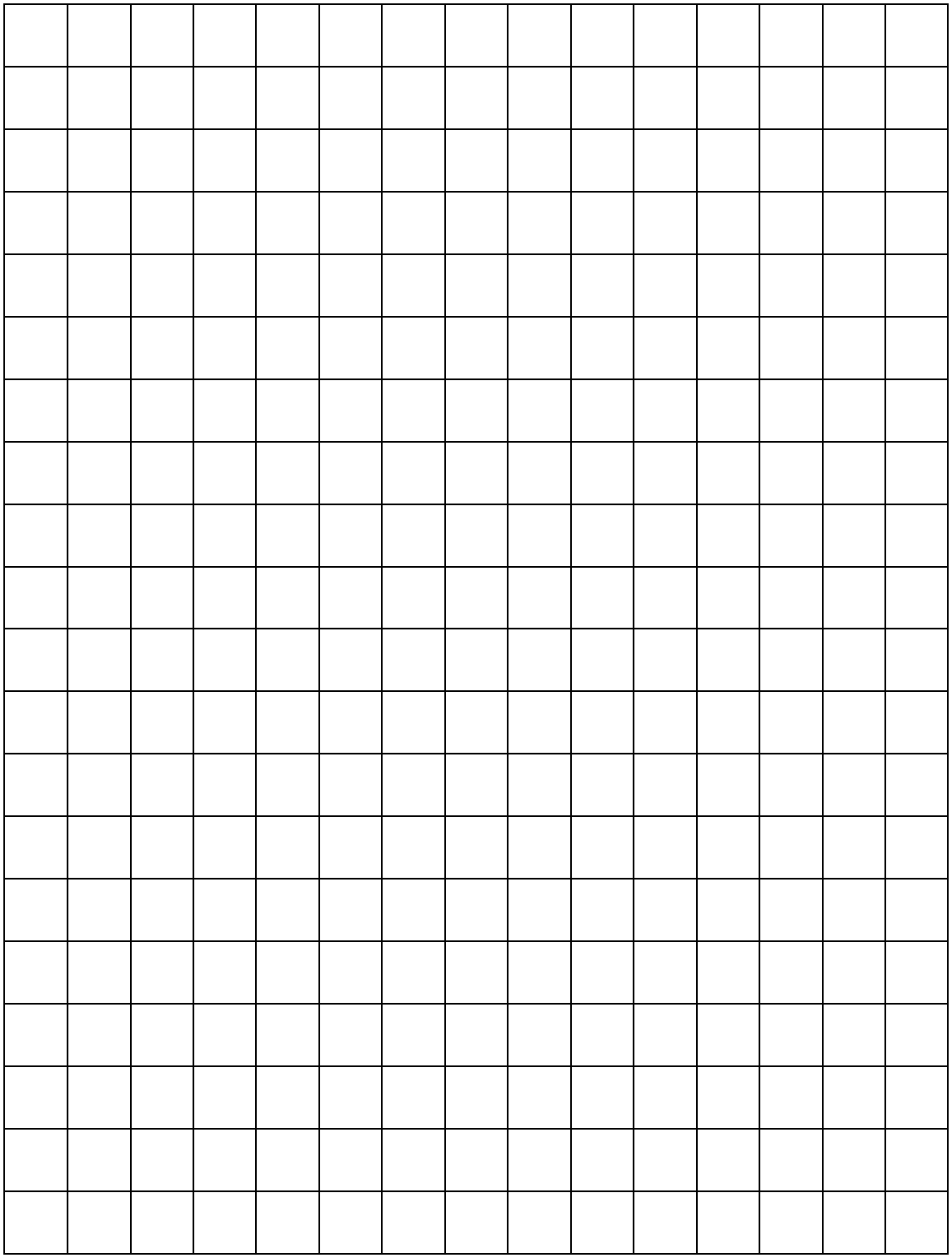
Cover the shape with each type of pattern block to find the area of the shape.



Explain your findings:

BLM 4.SS.3.3

Centimetre Grid Paper

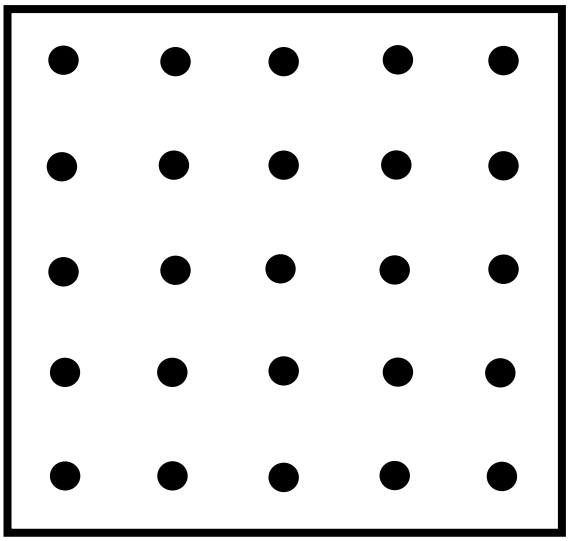


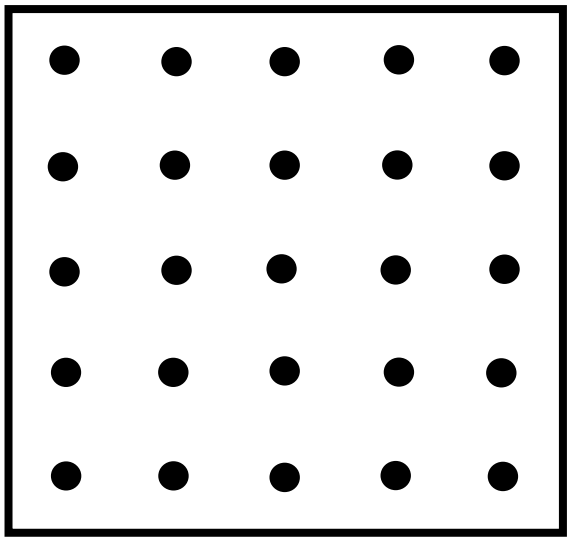
Cover the Area

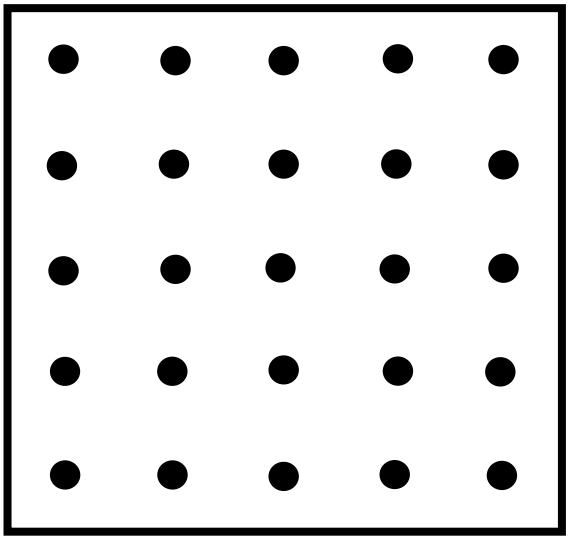
Skills/Concepts:	Area
Materials:	1 cm grid paper 2 die pencil crayons
Players:	Two
Directions:	The goal of the game is to cover the greatest amount of area on the grid paper. The first player rolls 2 dice and finds the product of the numbers. The product is the area of the rectangle. The player colours the rectangle on the grid paper with one colour. The second player rolls two dice and calculates the product of the numbers. Player 2 colours the rectangle on the grid paper with a different coloured pencil. A player loses their turn if there is no space to colour in a rectangle. Players continue playing taking turns until no player can go. The player with the greatest area is the winner.
Variation:	The products can be modified by using greater numbers with cards or different sided dice.

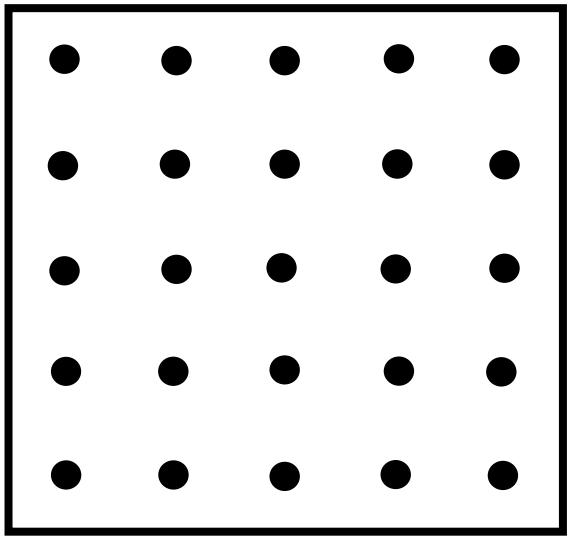
BLM 4.SS.4.1

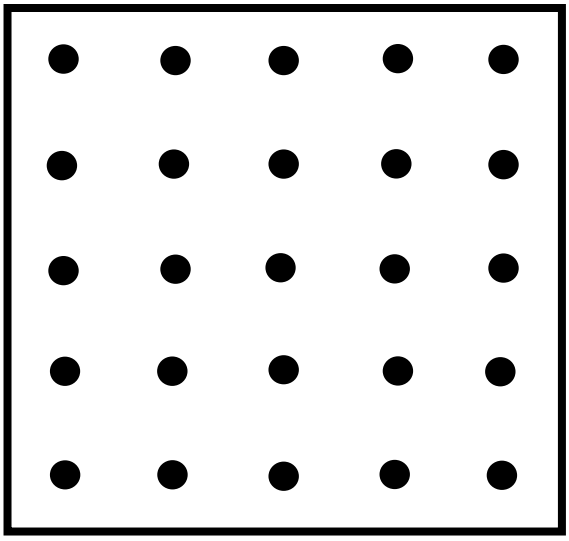
Blank Geoboards

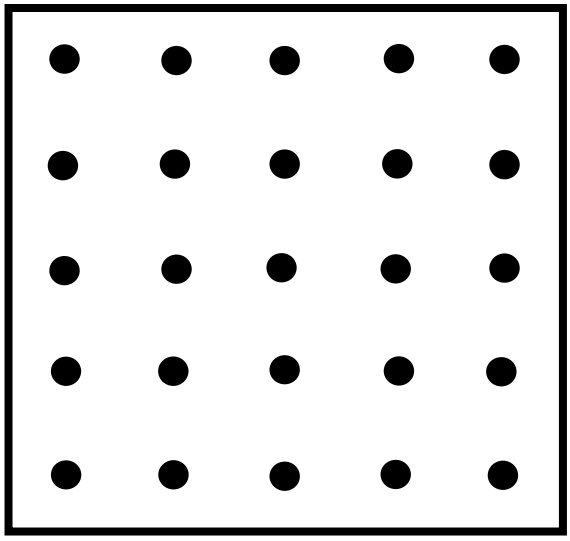






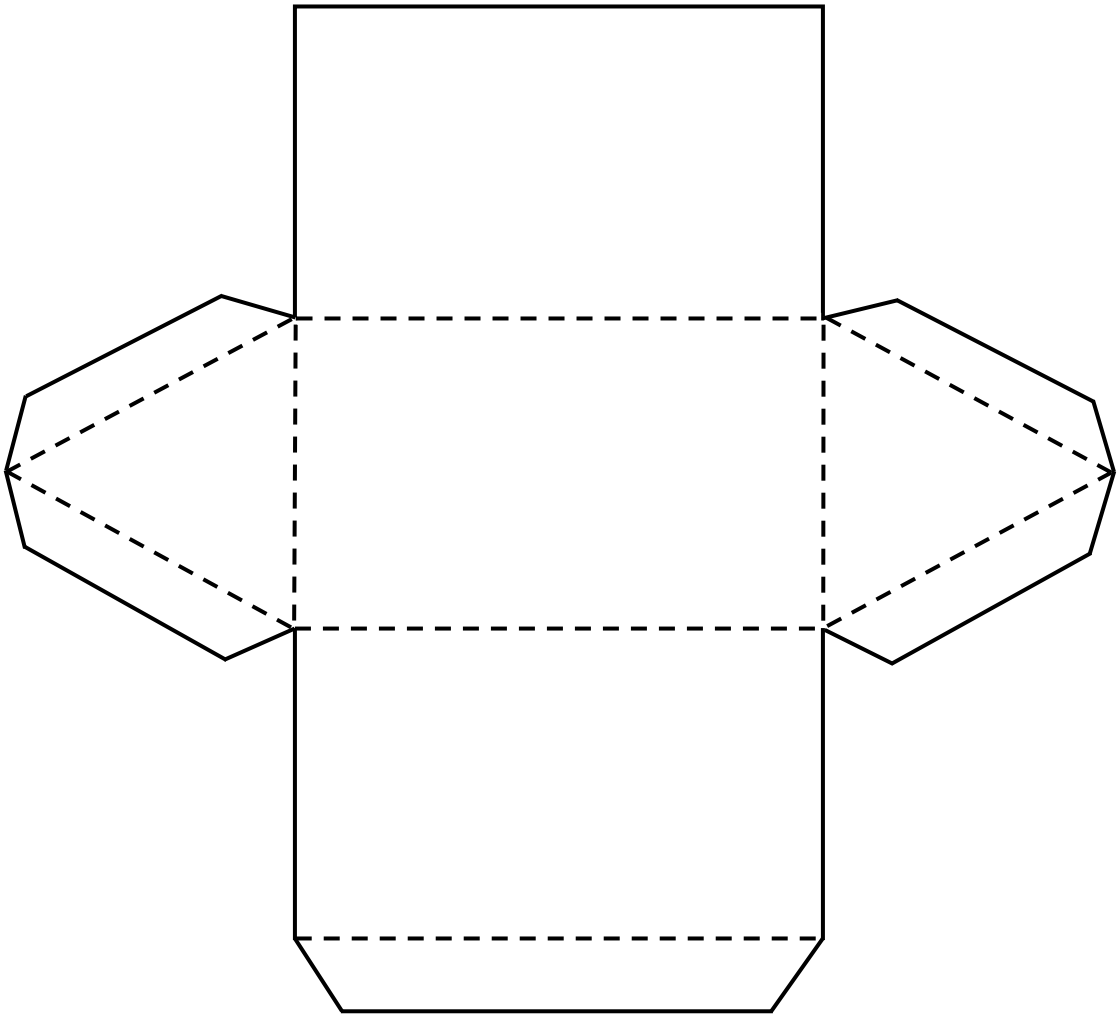






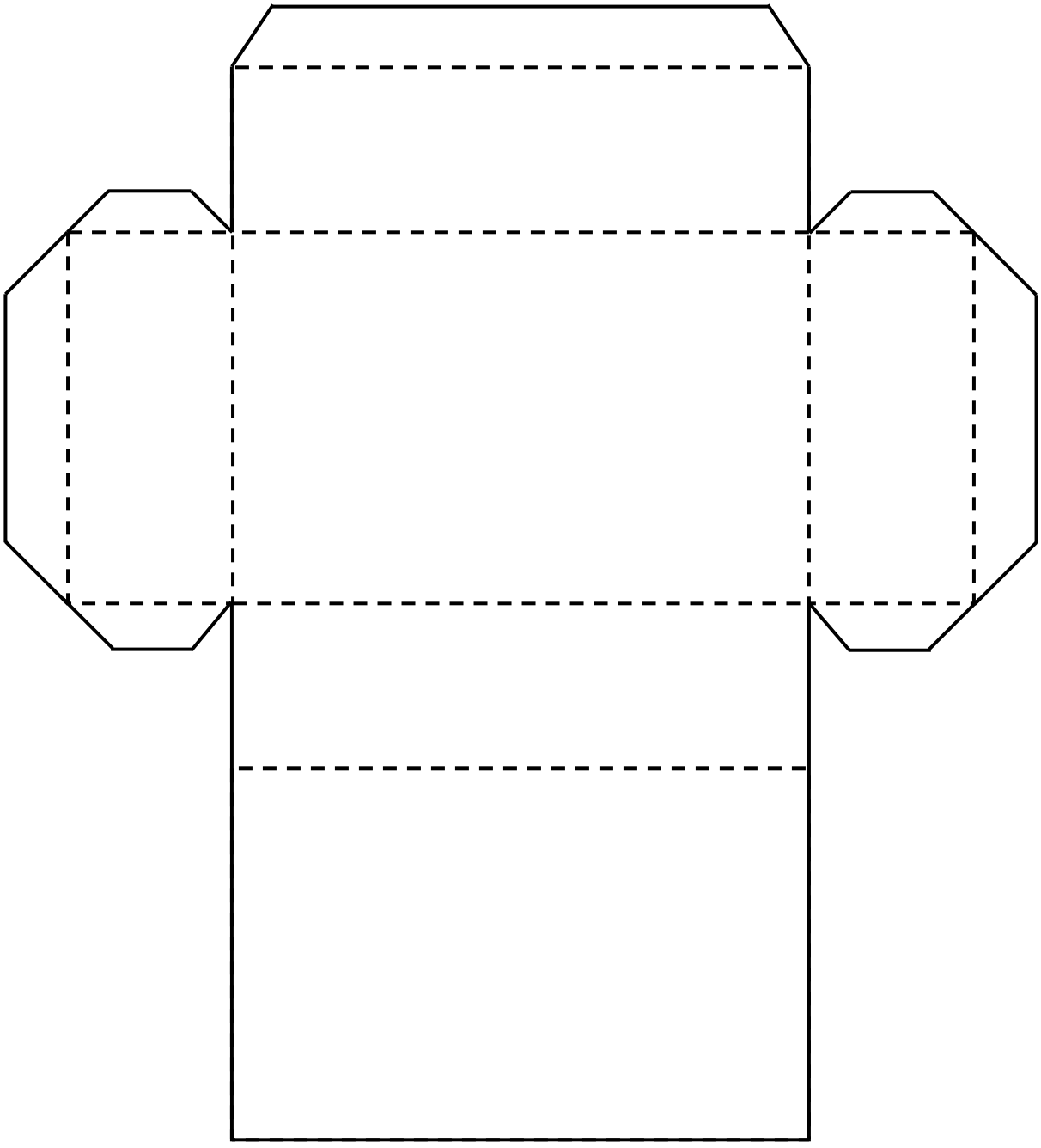
BLM 4.SS.5.1

Prism Nets
(Triangular Prism)



BLM 4.SS.5.1

Prism Nets
(Rectangular Prism)



Alphabet Letters

A B

C D

E F G

H I J

K L

M N

O P

Q R

S T

U V

W X

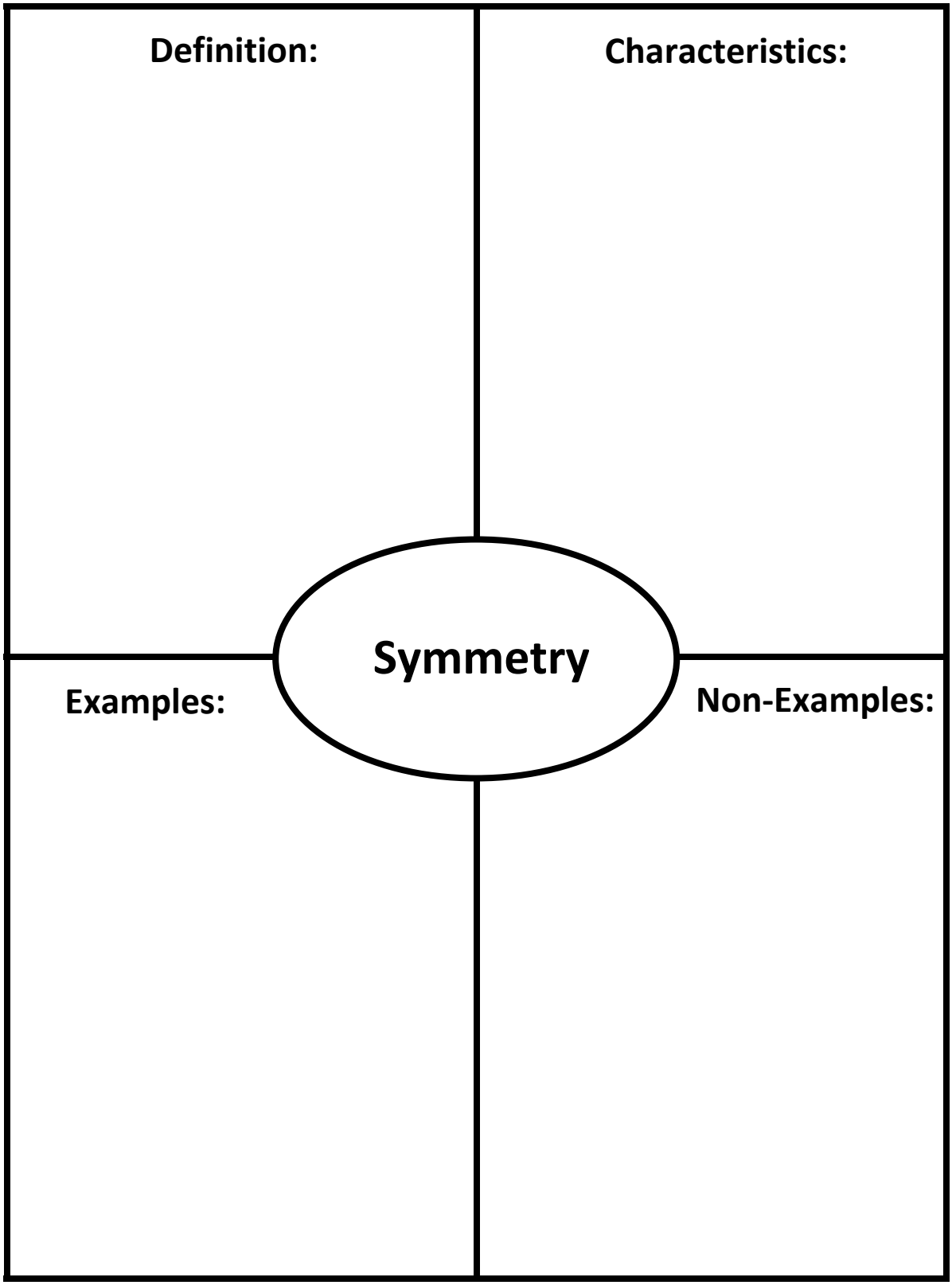
Y Z

BLM 4.SS.6.2

Dot Paper

BLM 4.SS.6.3

The Frayer Model

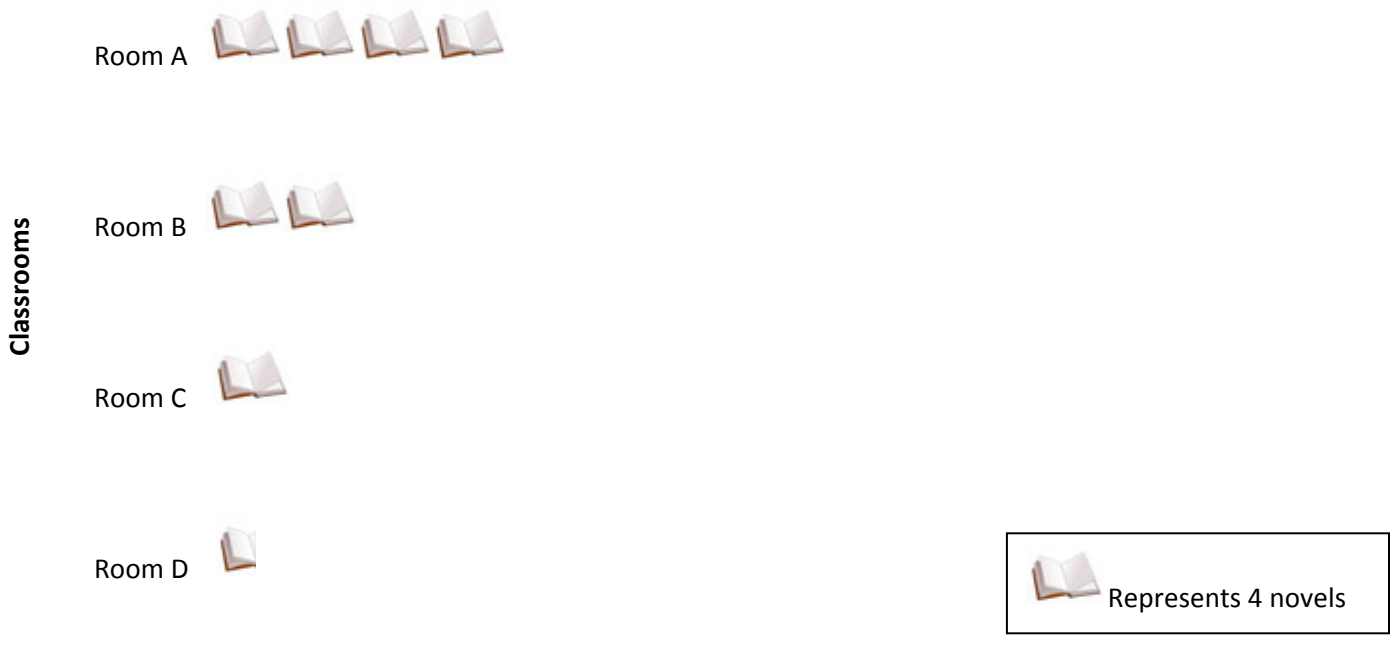


BLM 4.SP.1.1

Pictographs

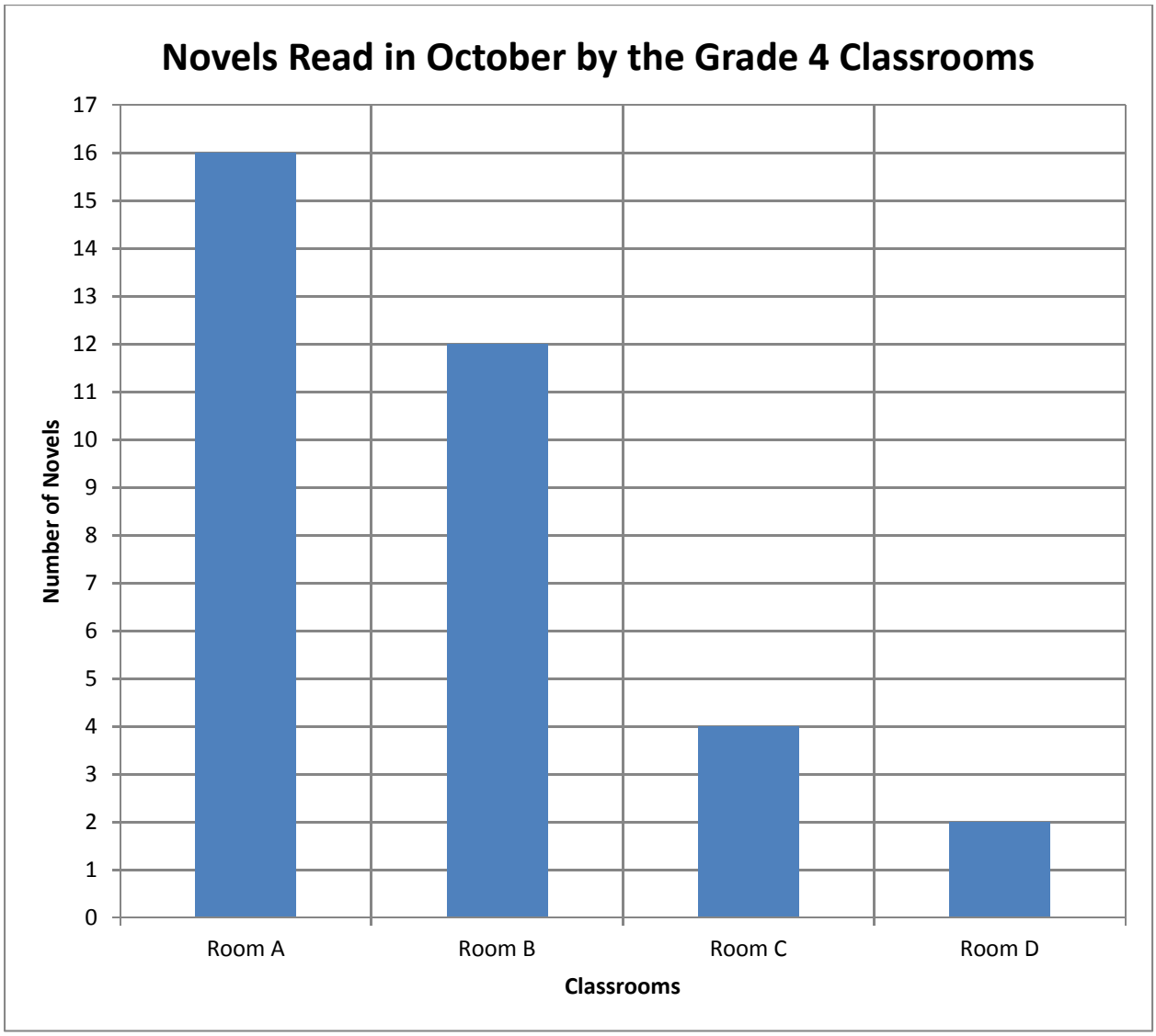
Novels Read in October by the Grade 4 Classrooms

Novels Read in October by the Grade 4 Classroom

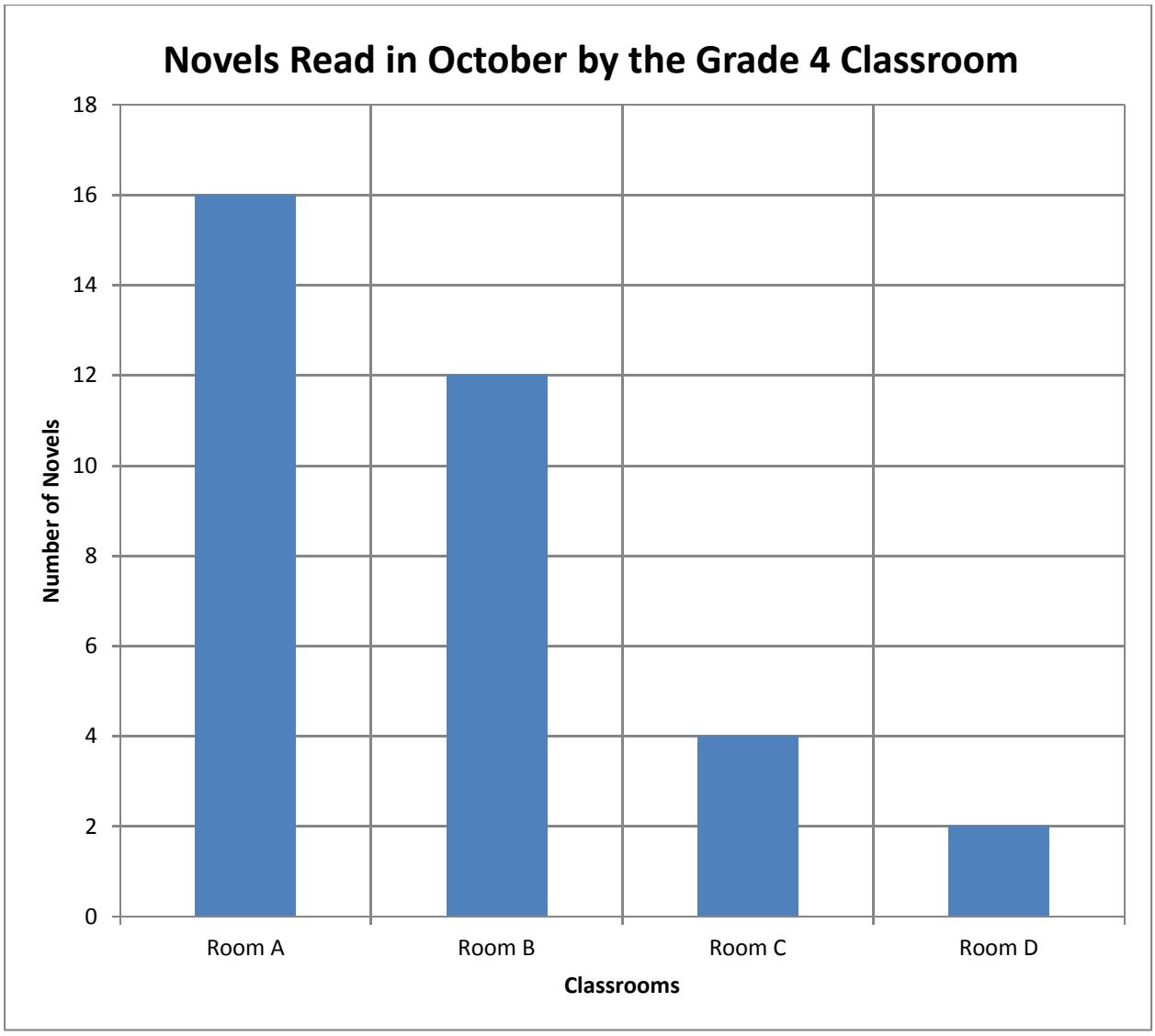


BLM 4.SP.1.2

Bar Graphs



Bar Graphs (continued)



BLM 4.SP.2.1

Nutritional Food Label

Nutrition Facts
Valeur nutritive

Per 37 crackers (20 g) / pour 37 craquelins (20 g)

Amount Teneur	% Daily Value % valeur quotidienne
Calories / Calories 90	
Fat / Lipides 3.5 g	5 %
Saturated / saturés 1 g + Trans / trans 0 g	5 %
Cholesterol / Cholestérol 5 mg	
Sodium / Sodium 170 mg	7 %
Carbohydrate / Glucides 13 g	4 %
Fibre / Fibres 1 g	4 %
Sugars / Sucres 0 g	
Protein / Protéines 2 g	
Vitamin A / Vitamine A	0 %
Vitamin C / Vitamine C	0 %
Calcium / Calcium	2 %
Iron / Fer	6 %

INGREDIENTS: ENRICHED WHEAT FLOUR, CHEDDAR CHEESE (MILK, BACTERIAL CULTURE, SALT, MICROBIAL ENZYME, ANNATTO), VEGETABLE OIL (CANOLA AND/OR SUNFLOWER), SALT, YEAST, SUGAR, AUTOLYZED YEAST, SEASONING (CONTAINS CELERY, ONION POWDER), BAKING POWDER, AMMONIUM BICARBONATE.
INGRÉDIENTS : FARINE DE BLÉ ENRICHE, CHEDDAR (LAIT, CULTURE BACTÉRIENNE, SEL, ENZYME MICROBIEN, ROCOU), HUILE VÉGÉTALE (CANOLA ET/OU TOURNESOL), SEL, LEVURE, SUCRE, LEVURE AUTOLYSÉE, ASSAISONNEMENT (CONTIENT DU CÉLÉRI, POUDRE D'OIGNON), POUDRE À PÂTE, BICARBONATE D'AMMONIUM.

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