

Grade 2

Week by Week

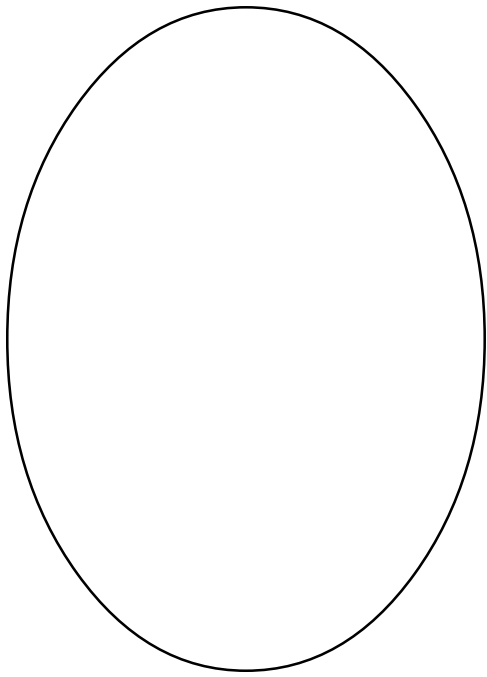
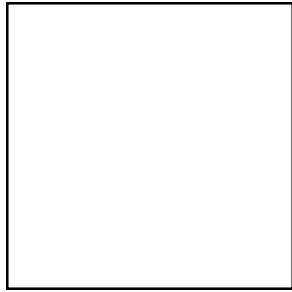
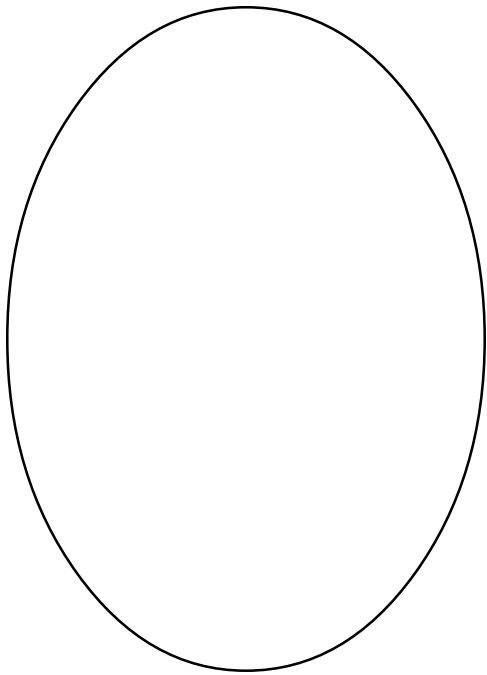
Essentials

Blackline Masters

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All The Ways Record Sheet



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Directions: Write the number of counters you will be working with in the small box. For example, 14. Use the ovals to divide the counters in different ways and write all of the possible number sentences.

0

4

1

5

2

6

3

7

8	9
10	1
2	4
3	5

7

6

10

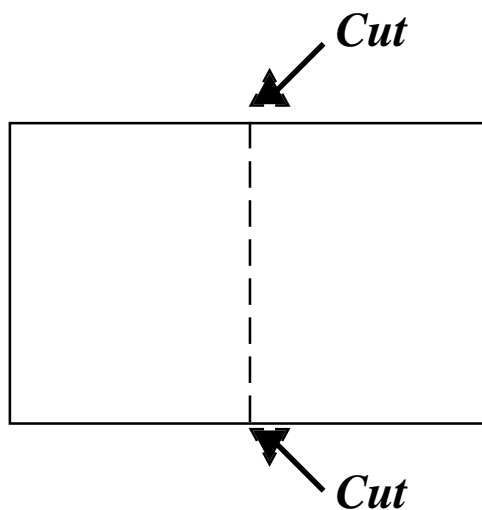
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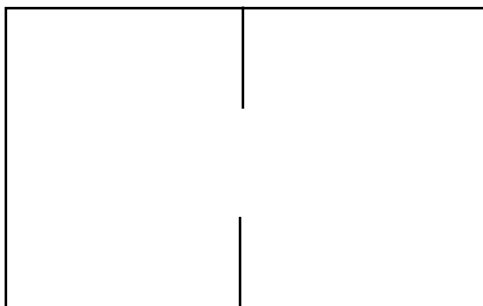
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Directions for Making Burrito Books

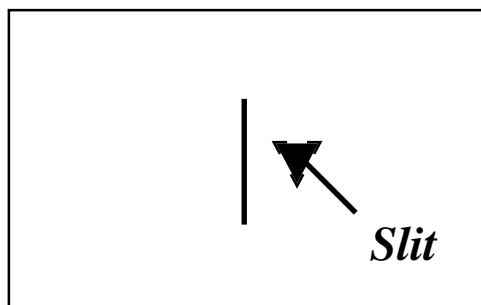
Fold paper in half. Cut on the fold. Fold each half again (short side together).



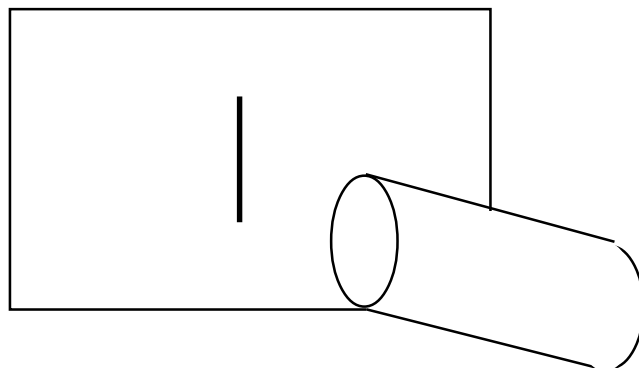
Take one piece and cut on fold $\frac{1}{3}$ down from the top and $\frac{1}{3}$ up from the bottom leaving the center $\frac{1}{3}$ uncut.



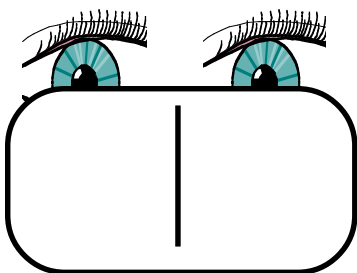
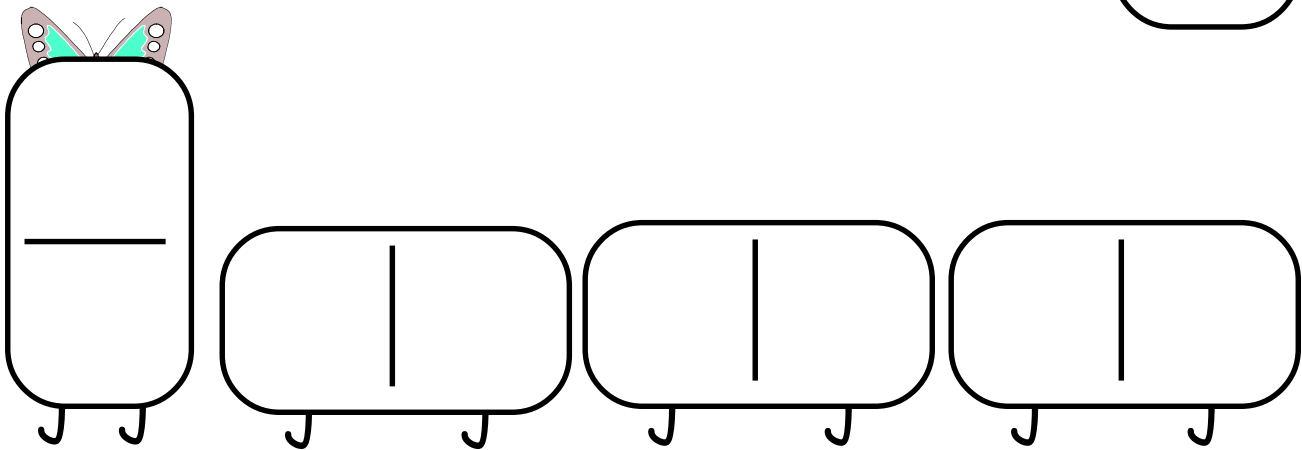
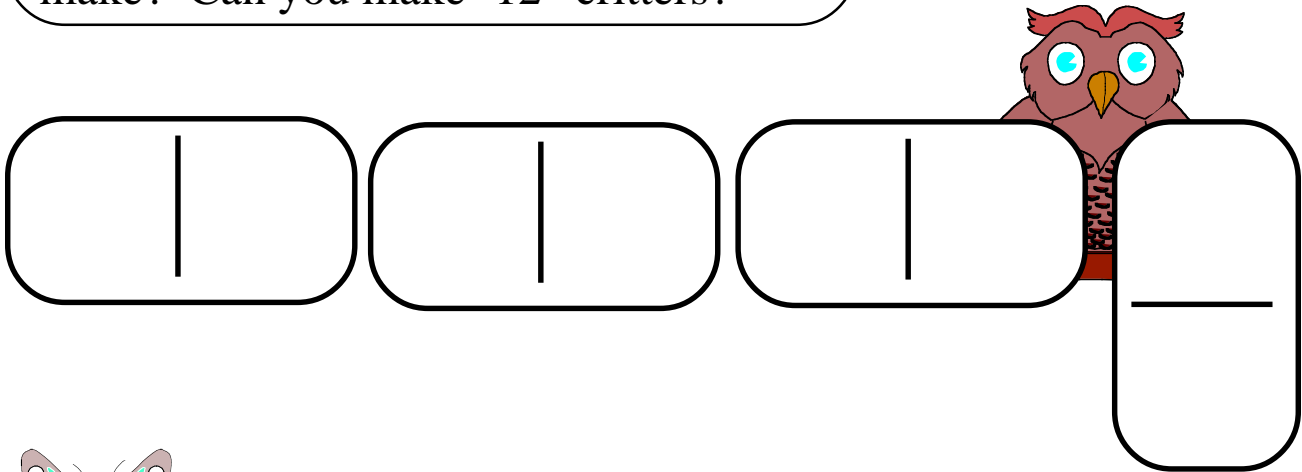
Take the other piece of paper and slit the center $\frac{1}{3}$ on the fold.



Roll the first piece of paper so it fits through the slit and... whoop! There it is!



Make each domino critter have the same number of dots. What numbers can you make? Can you make '12' critters?



Domino Critters



Name _____

Let's Count

What bag did you use?	Estimate: How many do you think there are?	Group into 10's and 1's to tell how many.	Write the number in standard form.
		____ tens + ____ ones	
		____ tens + ____ ones	
		____ tens + ____ ones	
		____ tens + ____ ones	
		____ tens + ____ ones	

Which bag was your favorite? Why? _____

Directions: Put objects (30-90) in bags and put a letter on the bag to identify each bag separately. Have students estimate how many and record the estimate. Group the objects into tens and ones. Record and then write the number in standard form.

Name _____ Date _____

Activity _____

My Estimate
between _____ and _____

My Count
Tens | Ones
|
|

My Estimate
between _____ and _____

My Count
Tens | Ones
|
|

My Estimate
between _____ and _____

My Count
Tens | Ones
|
|

My Estimate
between _____ and _____

My Count
Tens | Ones
|
|

My Estimate
between _____ and _____

My Count
Tens | Ones
|
|

Name _____ Date _____

Activity _____

My Estimate
between _____ and _____

My Count
Tens | Ones
|
|

My Estimate
between _____ and _____

My Count
Tens | Ones
|
|

My Estimate
between _____ and _____

My Count
Tens | Ones
|
|

My Estimate
between _____ and _____

My Count
Tens | Ones
|
|

My Estimate
between _____ and _____

My Count
Tens | Ones
|
|

Name _____

Bags Plus Ten

Directions: Place two colors of cubes in a bag (six of one color and ten of the second.) Students grab a handful of cubes, sort and complete the chart by adding ten to the sum of the cubes.

Color 1	Color 2	Sum	Plus 10	Number Sentence

Tell about adding ten to a number: _____

Name _____

Two Colors in the Bag

Directions: Place nine cubes of two colors in the bag. Students reach inside and grab a big handful. Sort and complete the chart.

Color 1	Color 2	Total	Number Sentence

Write a story to match one of the number sentences: _____

Name _____

Paper Bag Duo

Directions: Place 15 cubes of the same color in bag. Students reach in the bag with each hand. Complete the chart.

Left Hand	Right Hand	Total	Number Sentence

Tell about this activity: _____

Name _____

Date _____

Paper Bag Math

Directions: From a paper bag with three colors of counters, scoop one large handful. Sort by colors and complete the chart.

	Color 1	Color 2	Color 3	Total	Number Sentence
A					
B					
C					
D					
E					
F					
G					
H					

Tell about this lesson: _____

Important Numbers

My Survey On _____

By _____

Here is the question that I asked ten people.

Write a label beneath each column to indicate responses. Fill in the graph by starting at the bottom blocks and color one block for each answer.

This data was collected by:

I want to find out:

When I gathered this information, this is what I found out:

This data was collected by:

I want to find out:

When I gathered this information, this is what I found out:

My Survey On _____

by _____

Here is the question that I asked twelve people.

Directions: Write a label beneath each column to indicate responses. Fill in the graph by starting at the bottom blocks; color one block for each answer.

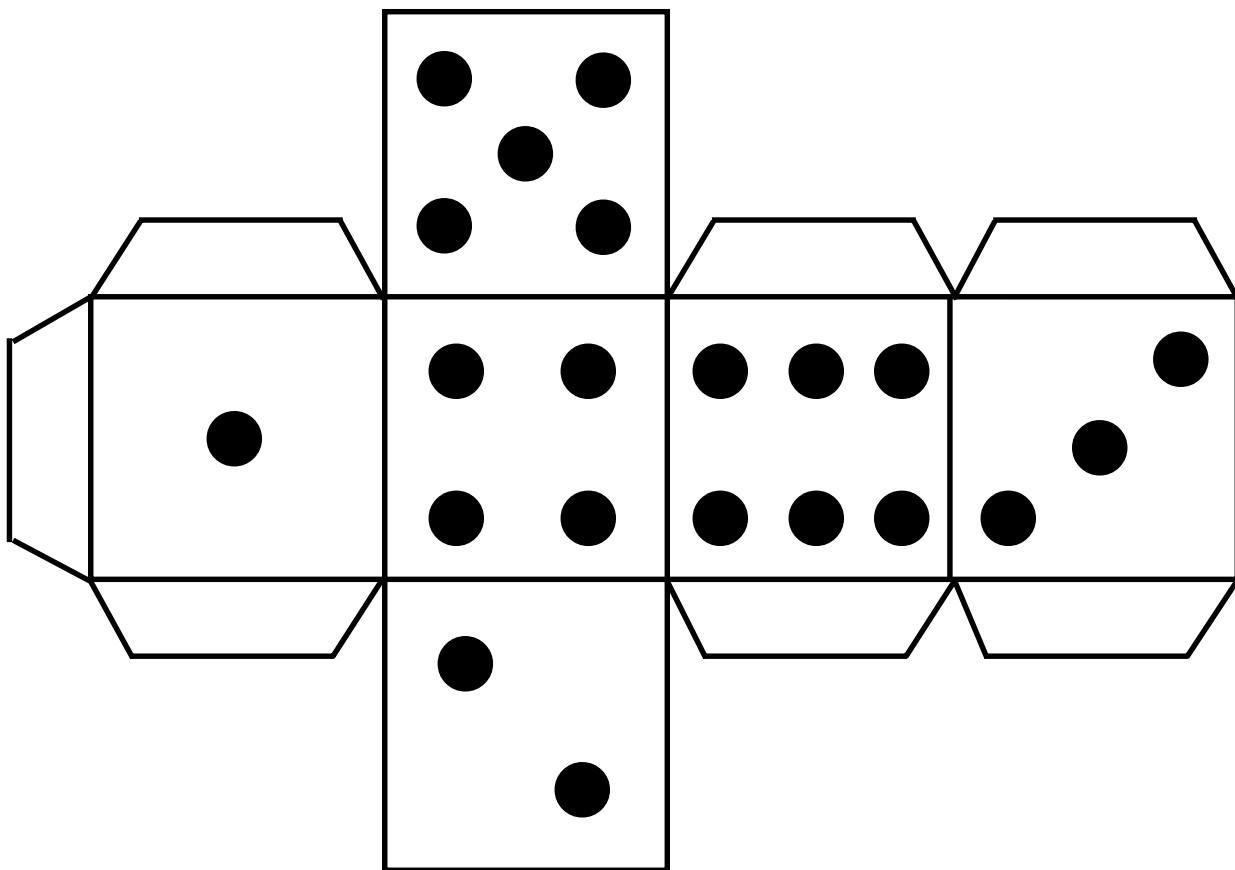
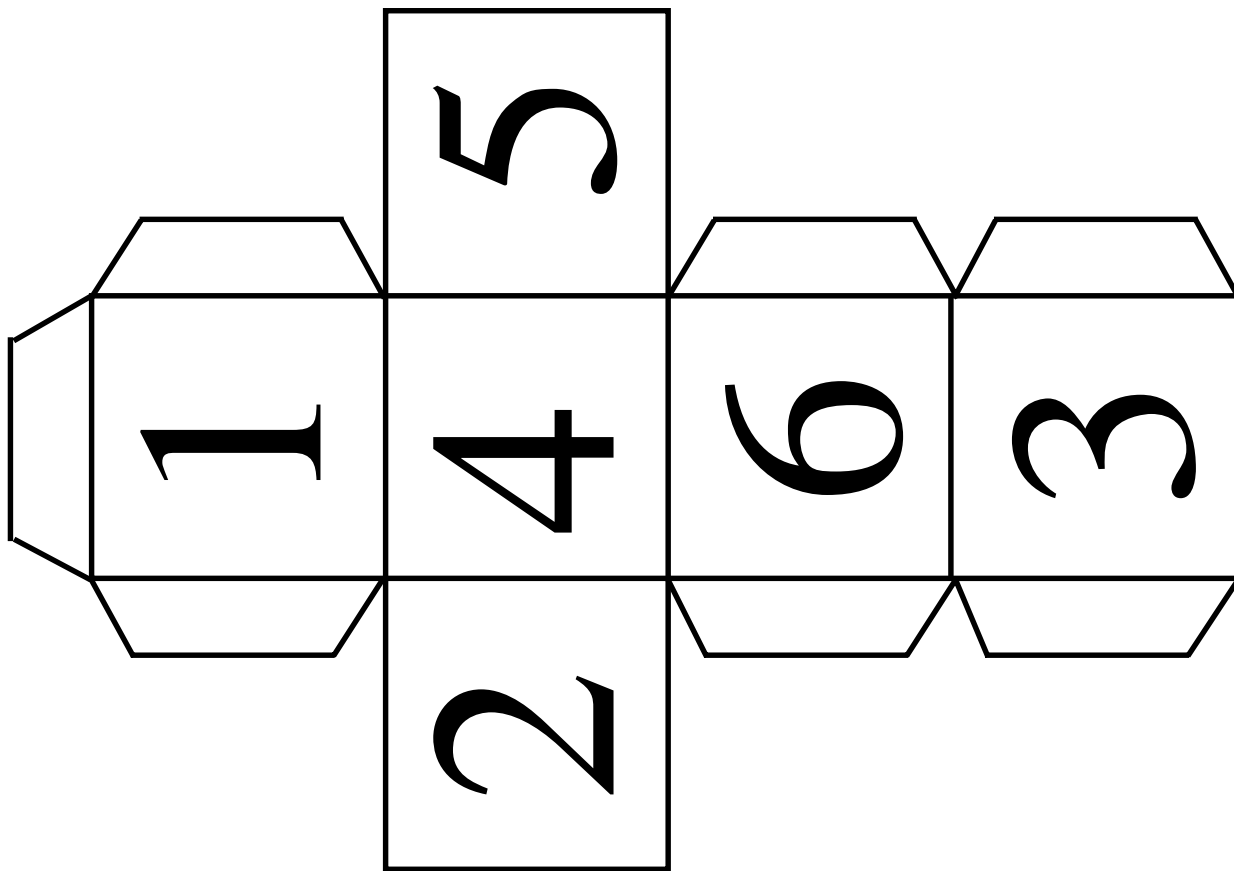
What's For Lunch?

Predict which group of food you will eat the most of this week: _____

Graph your food after lunch for five days.

Conclusion: I ate the most: _____

I ate the most: _____



Game Score Sheets

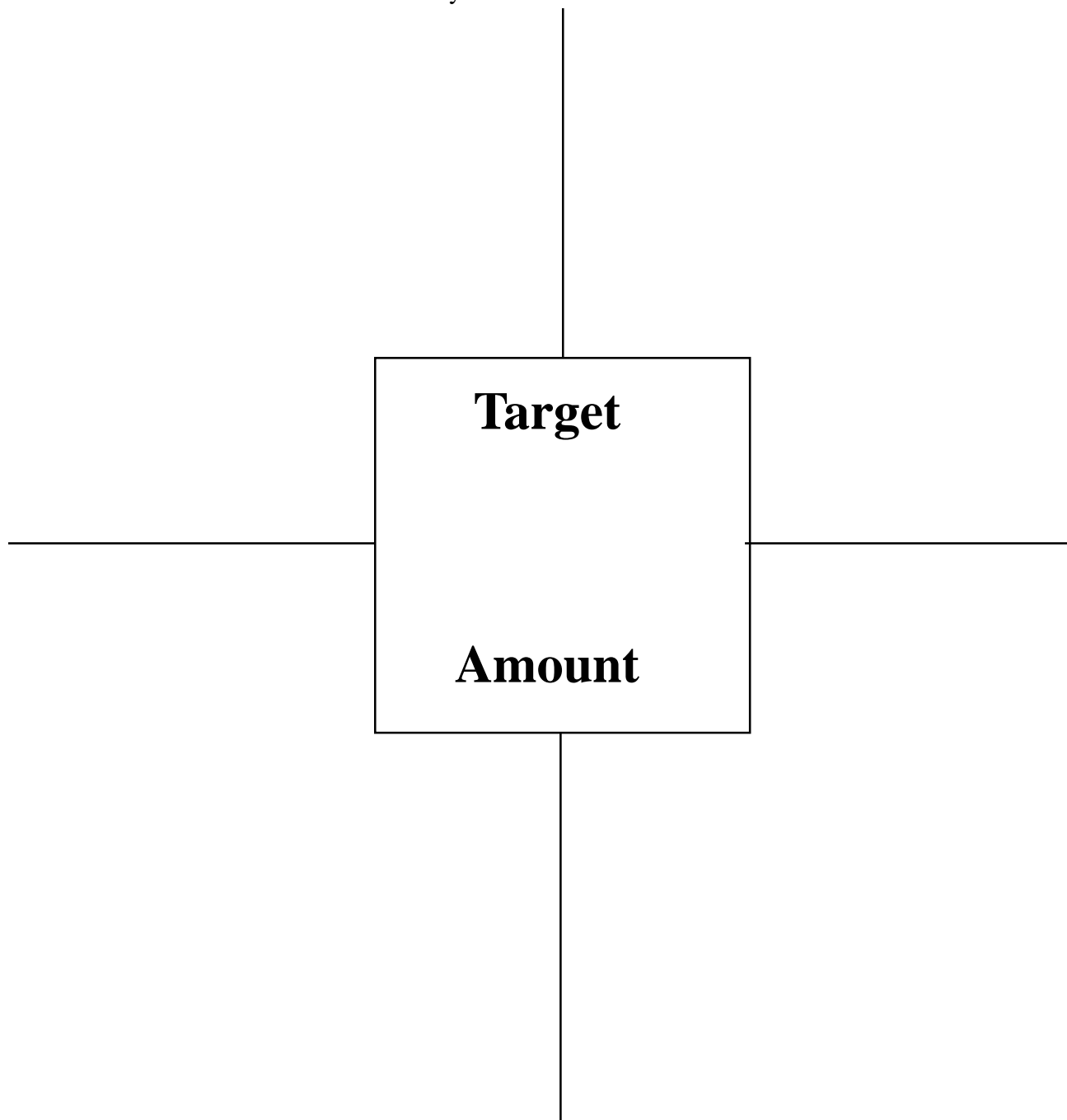
Game	NAME	NAME	NAME	NAME	NAME
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

Game	NAME	NAME	NAME	NAME	NAME
1					
2					
3					
4					
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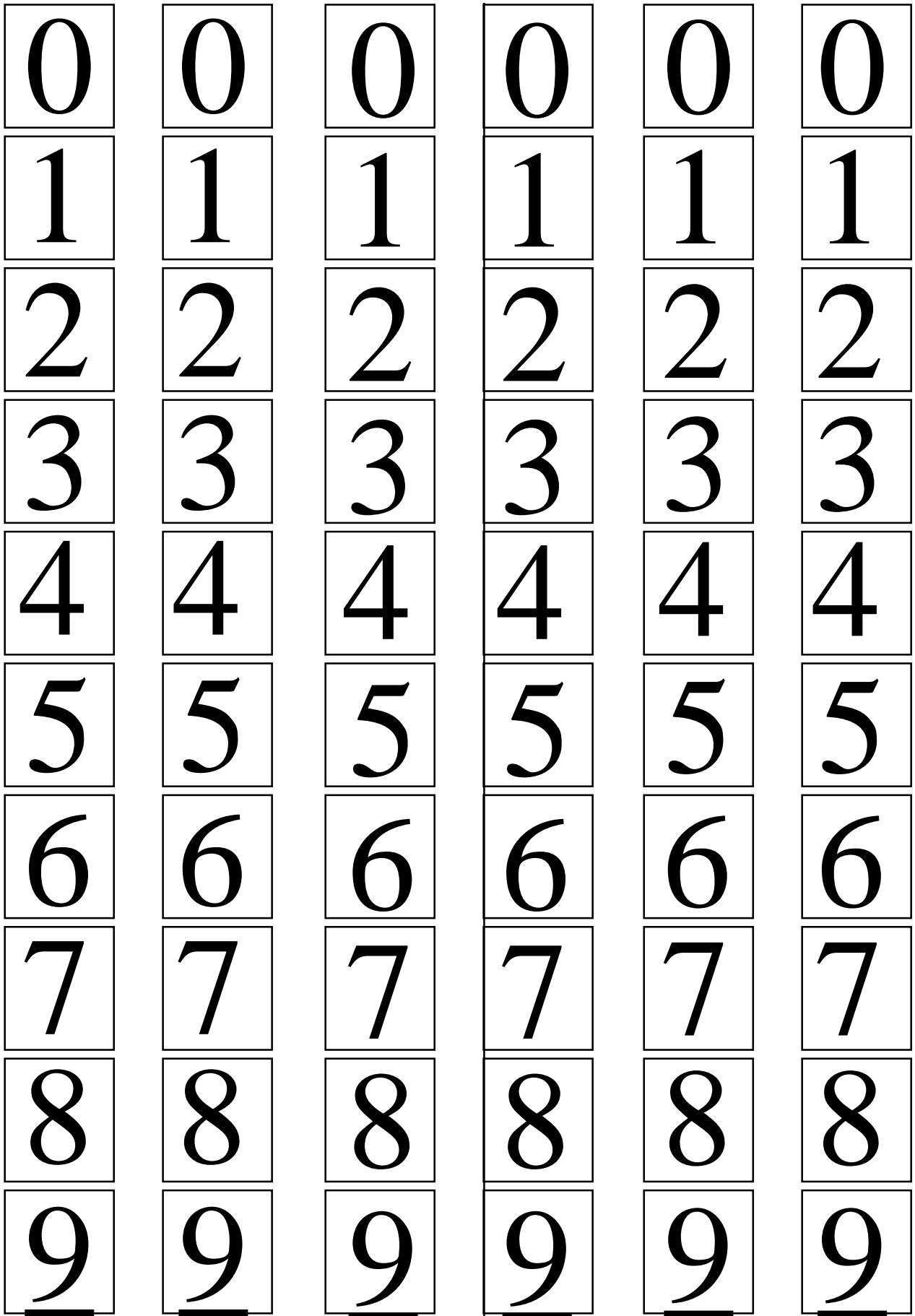
Name _____

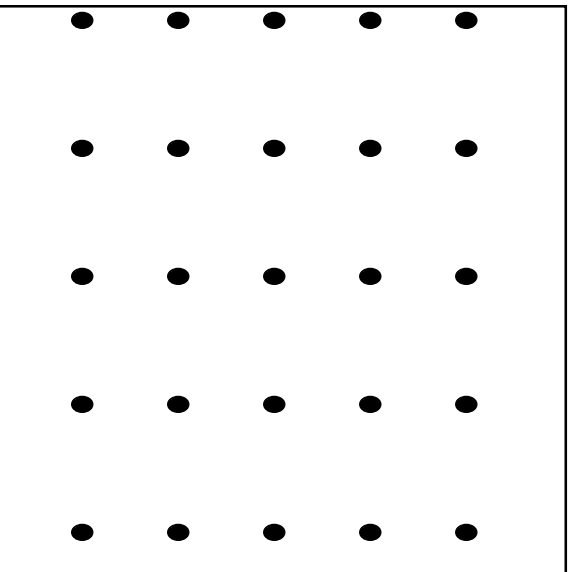
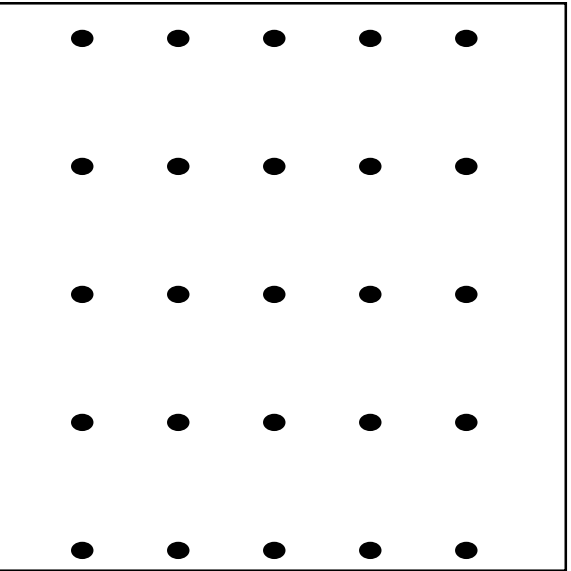
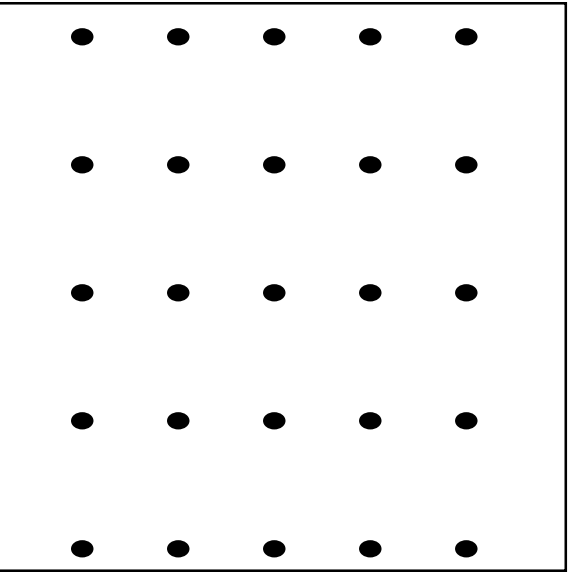
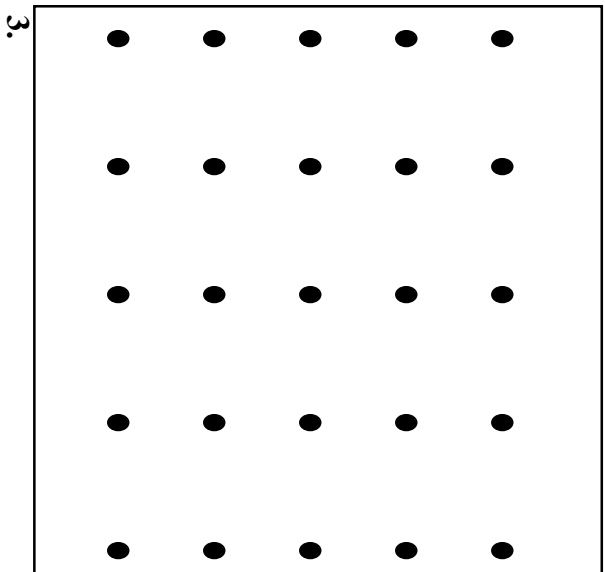
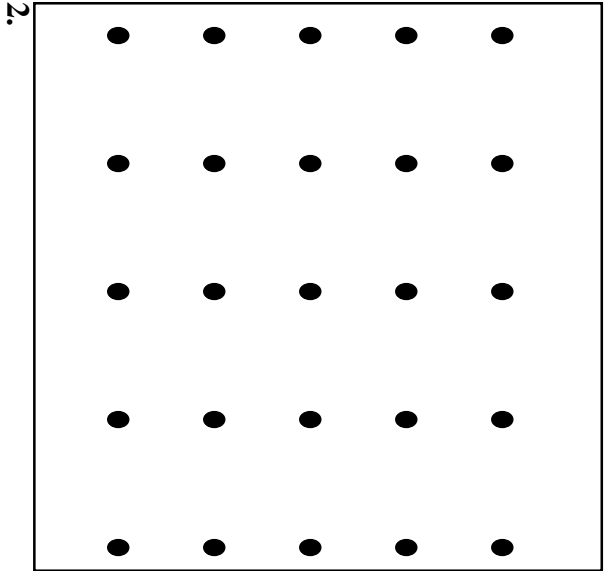
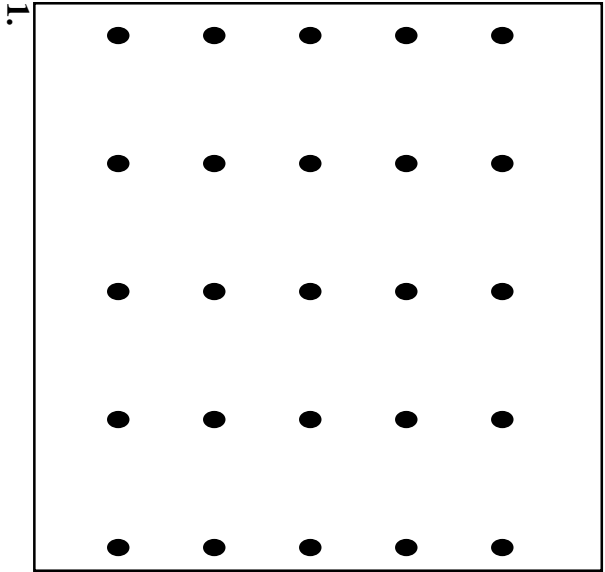
Money Puzzles

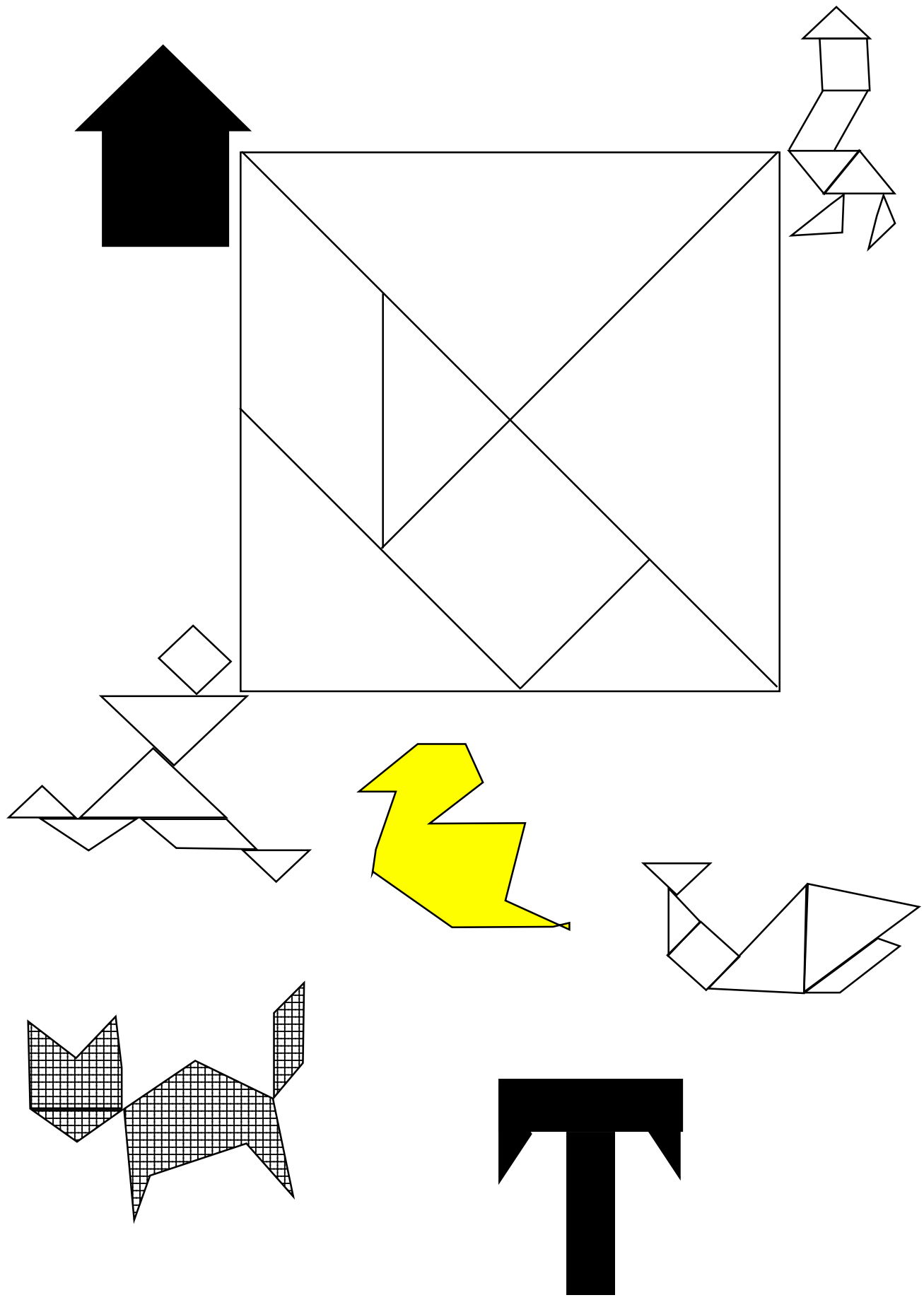
Directions: Using coins or coin stamps, show four ways to make the target amount of money. Can the amount be made in more than four ways?



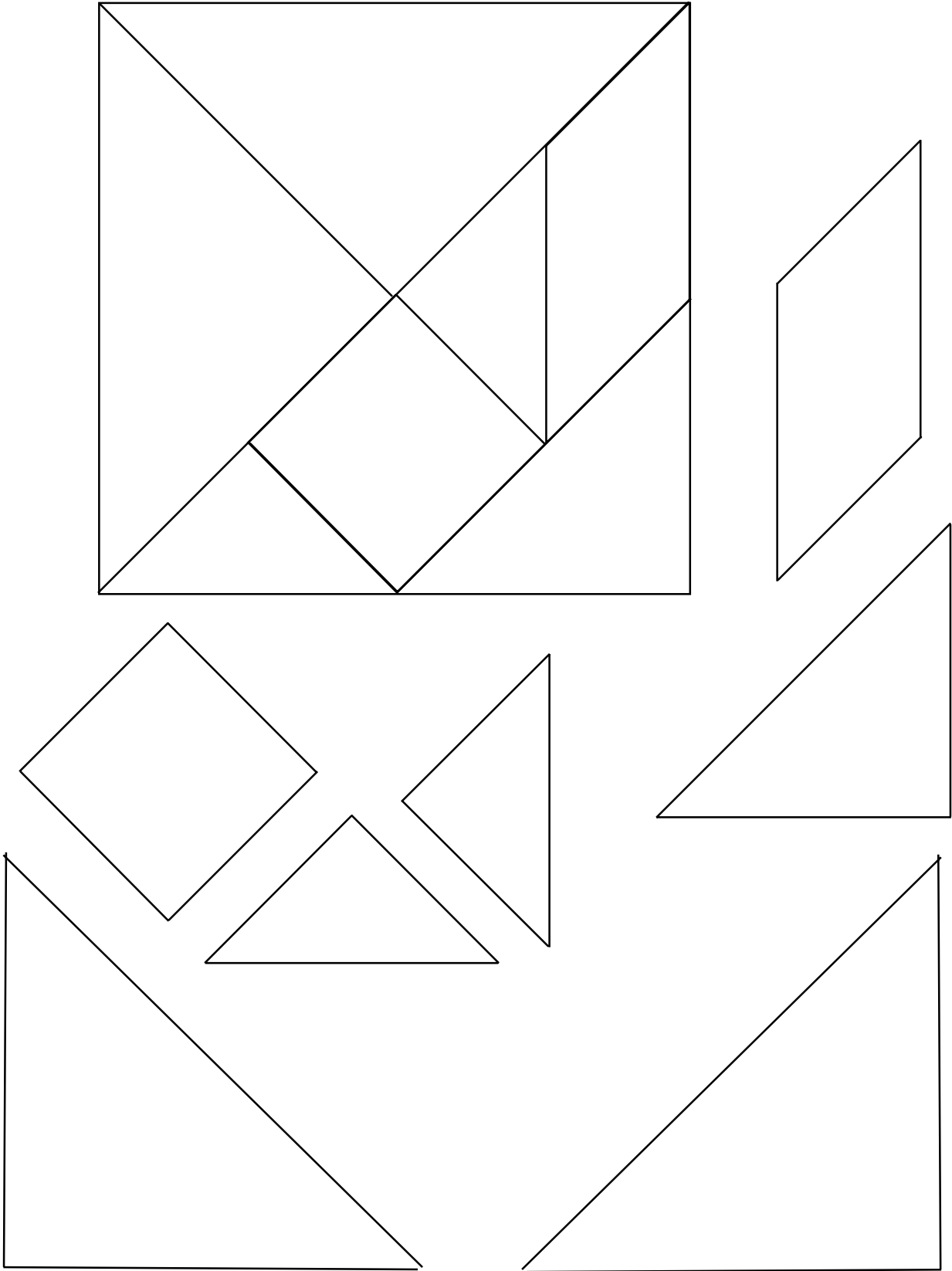
Which way do you prefer to make the target amount? _____







Blackline Master: Tangrams



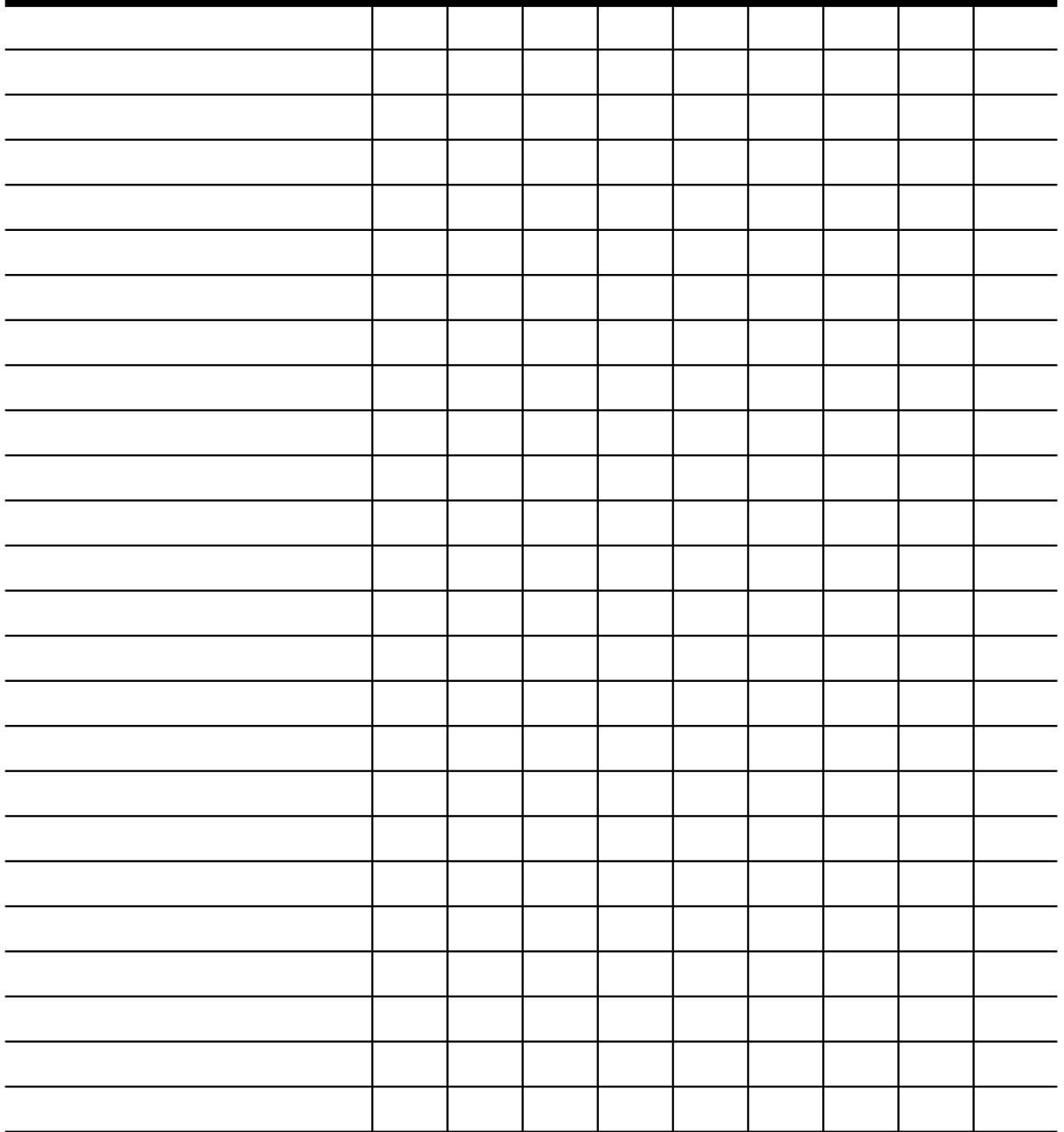
Recording Sheet

Students

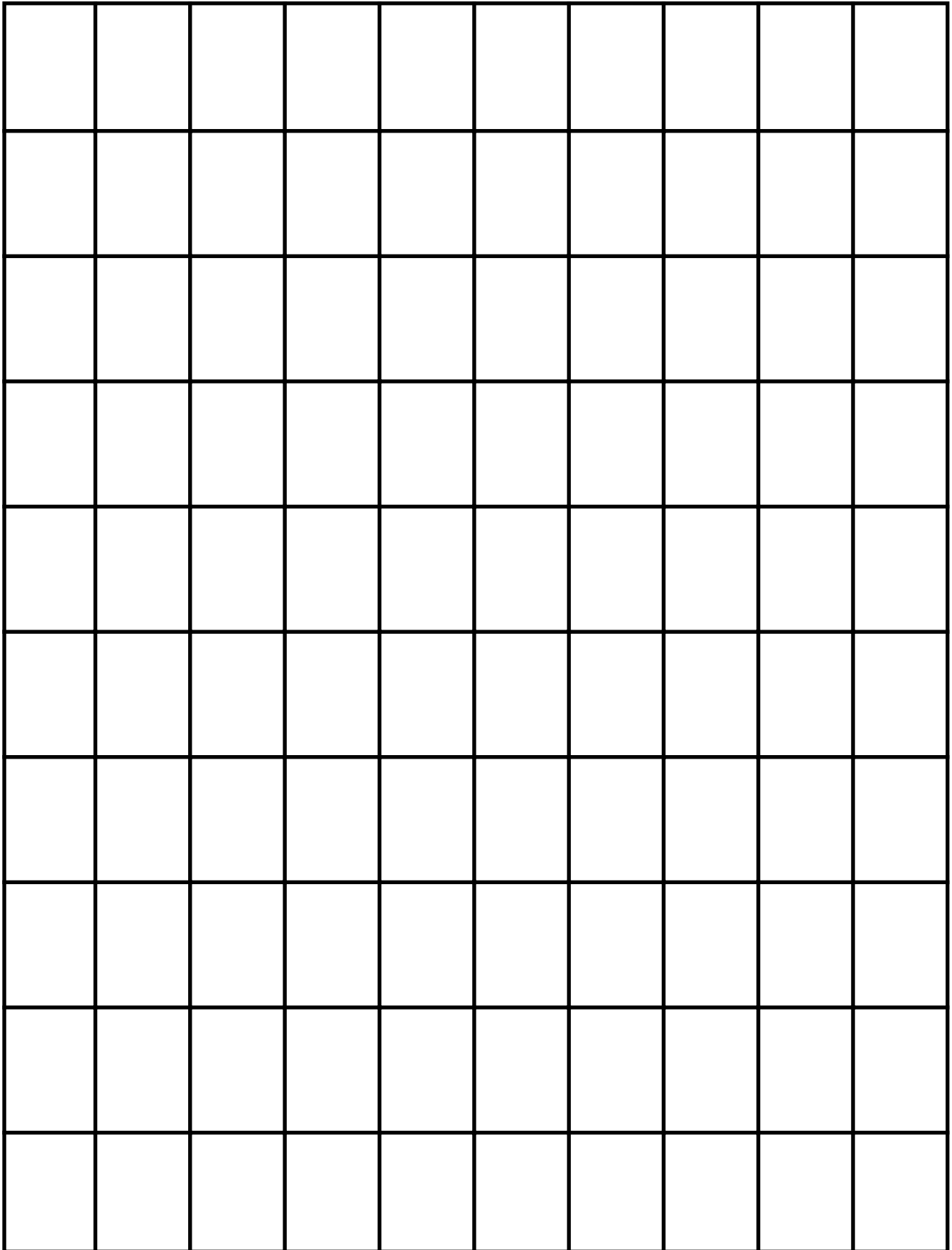
<i>Students</i>									

Recording Sheet

Students

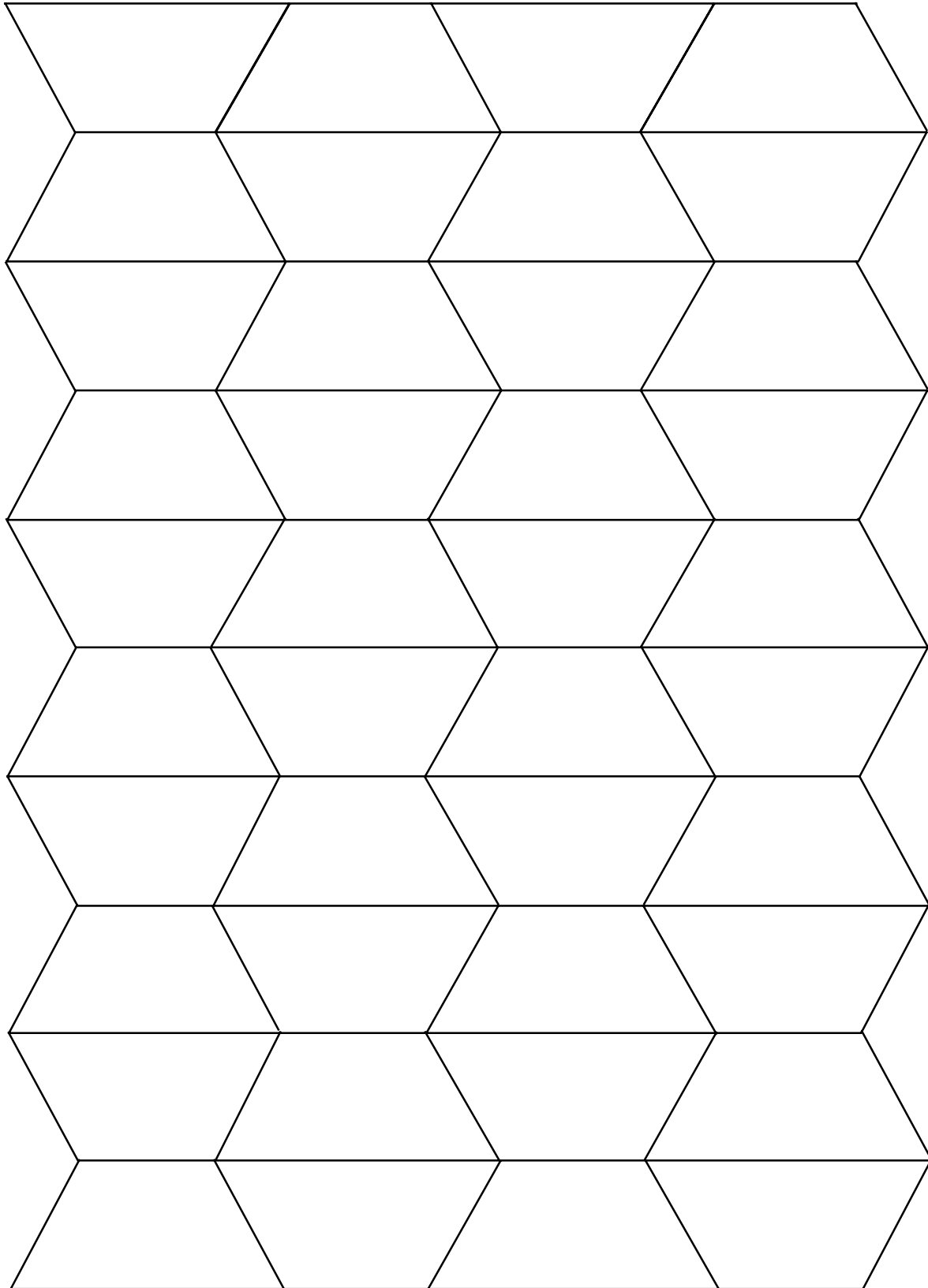


ONE HUNDRED GRID



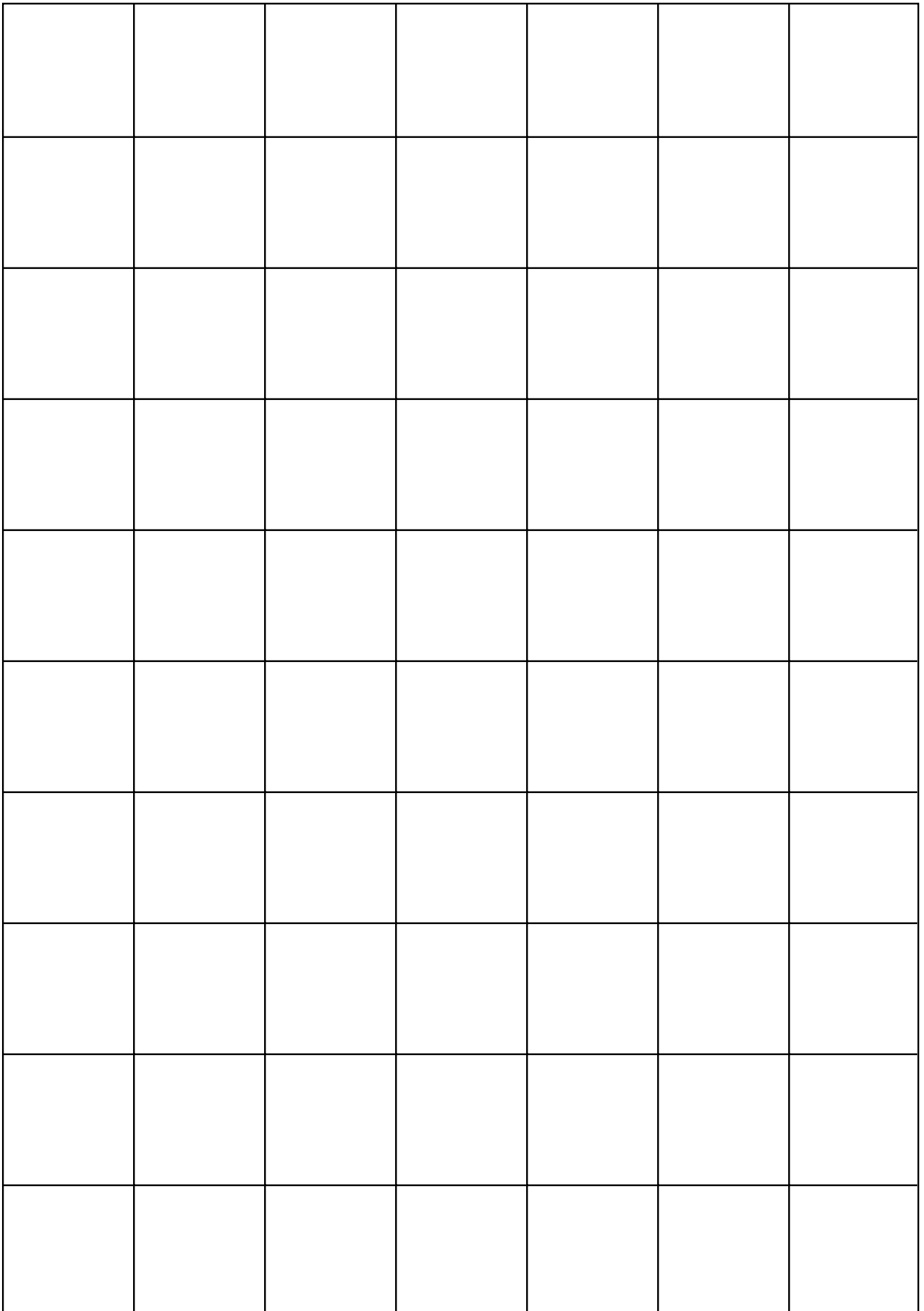
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

TRAPEZOID GRID

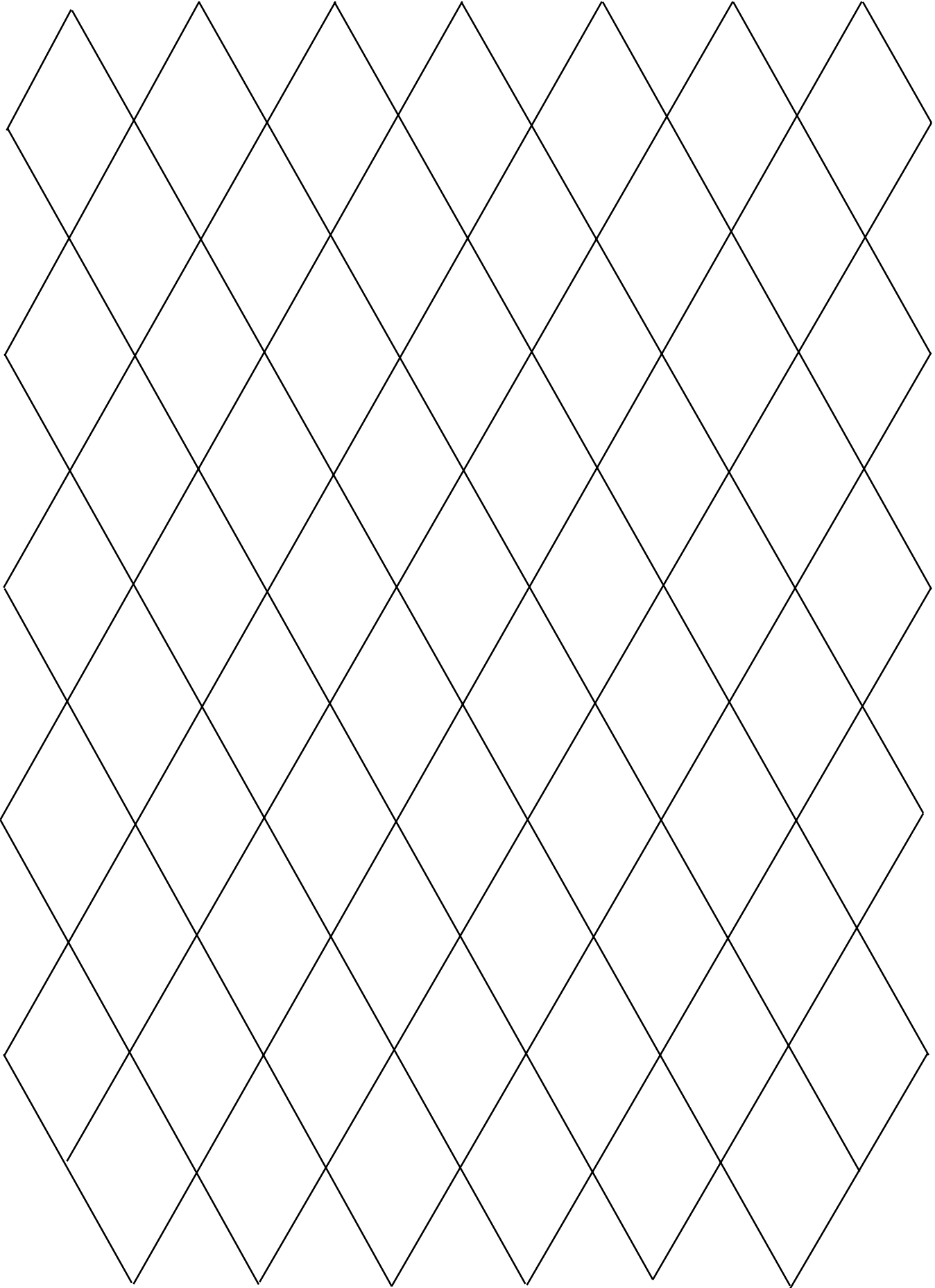


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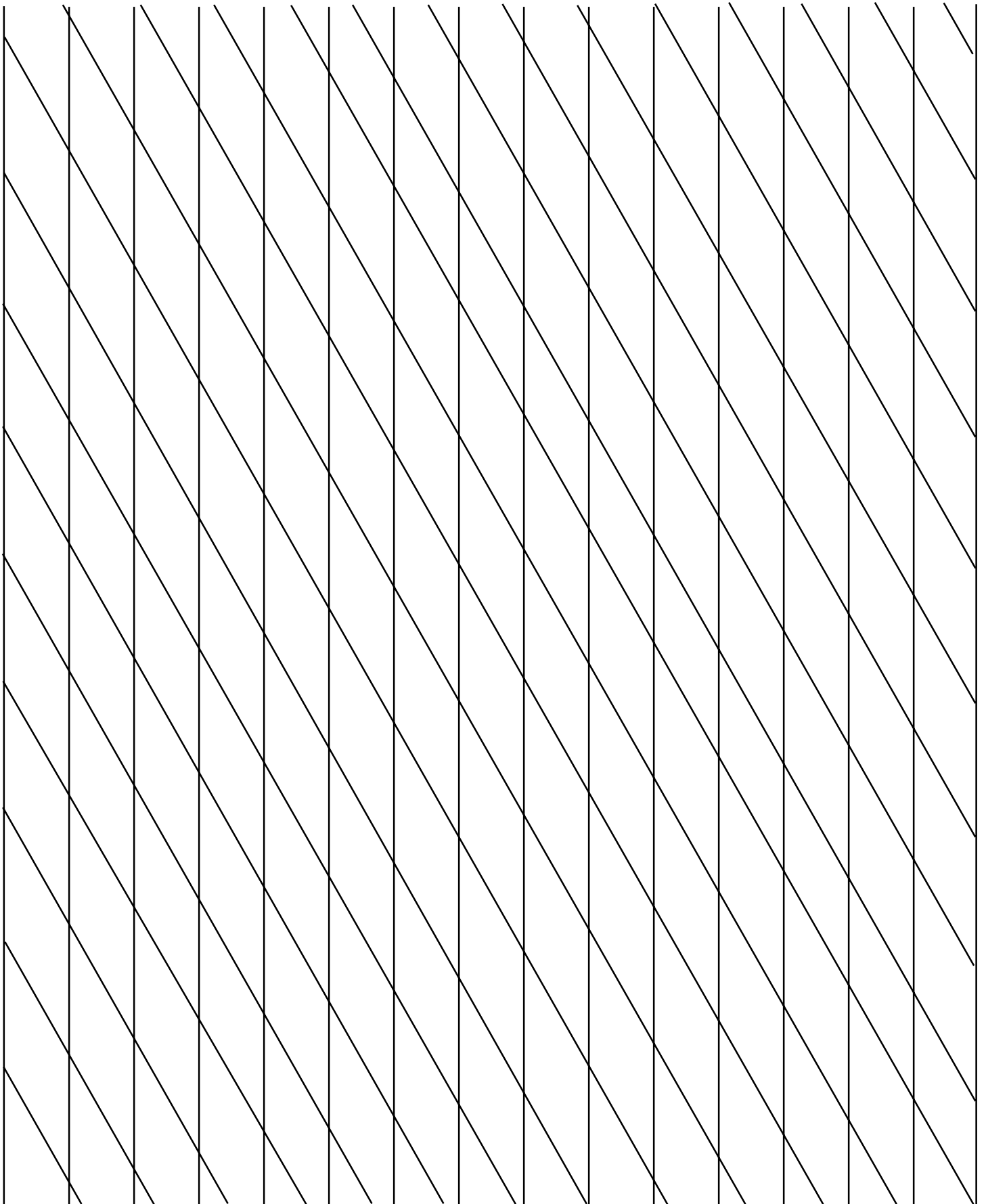
G
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D



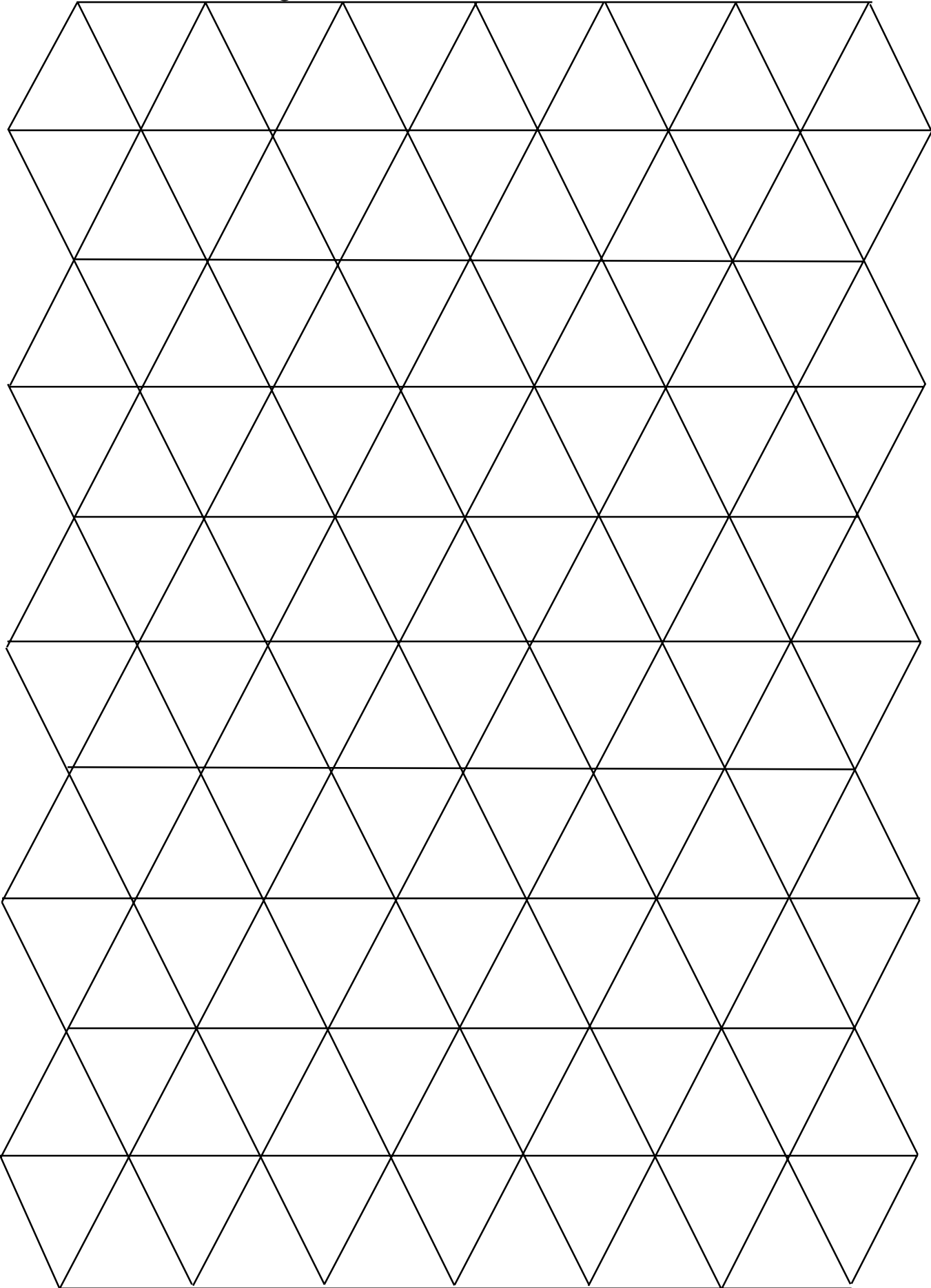
PARALLELOGRAM GRID



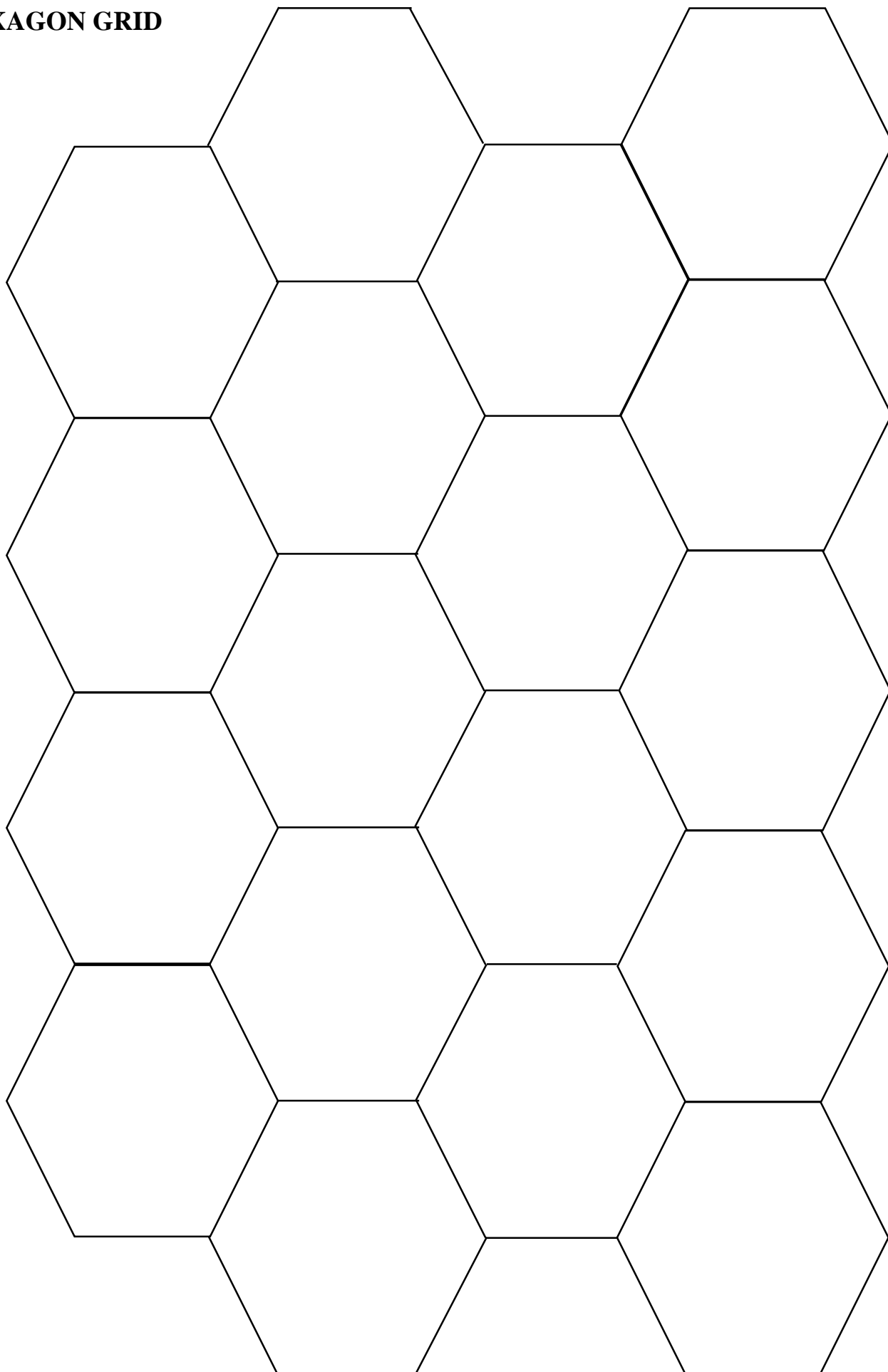
PARALLELOGRAM GRID



EQUILATERAL TRIANGLE GRID



HEXAGON GRID

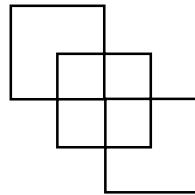


Problem of the Week

1. What number is larger than a week, smaller than a month, and has even, repeated digits?
2. What comes next: S, M, T, W, T, F, _____
3. What comes next: A, C, G, I, M, O, _____
4. What number is: Larger than seven
Less than a dozen
An odd two-digit number
5. Name five numbers less than 70 that are the same when turned upside down?
6. What number has the same number of letter as its value?
7. What are the ways to make exactly 15¢?
8. March and November have something in common. Can you find what it is?
9. What number is: Between one and 40
Not an even number
Not less than 16
Not more than 26
A number you hear when counting by fives
10. There were eight children in line at the sliding board. Julie was the fourth in line. How many children were in line behind her?
11. What is the 15th letter in this pattern? X O X X O X X X O ...
12. Five children are playing on the playground. The teacher called them in for a snack. She had 20 cookies. How many did each student get?
13. How many legs are in the barnyard: one horse, two goats, two pigs, three chickens.
14. In the barnyard, I see ten legs and four heads. How many of the animals are pigs. How many are ducks?
15. Start with five. Add six, add four, subtract three, add ten. What is the answer?
16. What are the next three numbers in this pattern: 77, 66, 55, 44, _____, _____, _____?

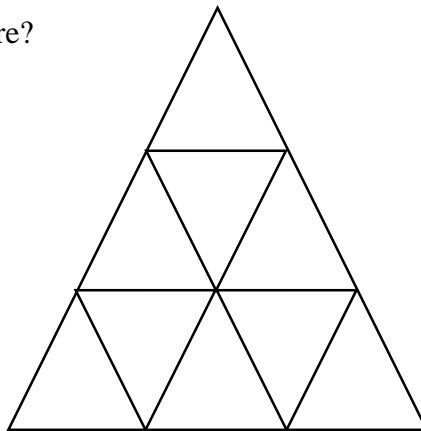
17. Jerry has six pennies. Billy has two less pennies than Jerry. Sam has three more pennies than Billy. How many pennies does each boy have?
18. Four girls were in line for ice cream. Jenny was not first or last. Ashley was second in line. In which place of the line was Jenny?
19. How many sides are on two triangles and two squares?
20. Use the digits 3, 5, and 7. How many two-digit numbers can you make? What are they?
21. Guess my number: It is between 70 and 80.
 It has three ones.
 Is the number?

22. How many squares are in this picture?



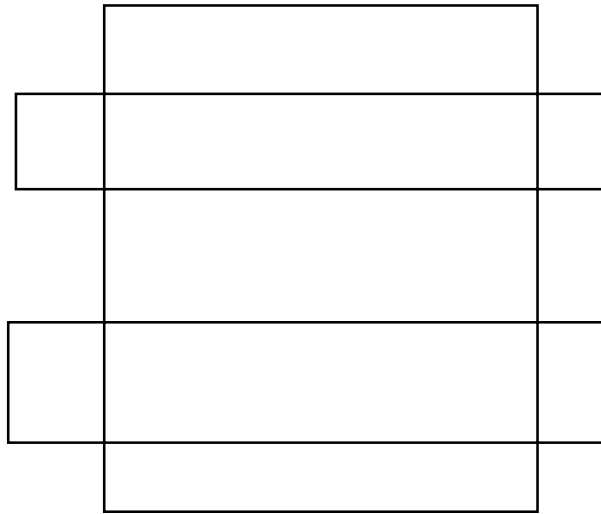
23. Four insects were walking in a line. The grasshopper was not first or last. The lady bug was third. Where was the grasshopper?
24. I am thinking of a number. If you add two to my number, you get eight. If you subtract two from my number, you get four. What is my number?
25. Emily bought a new toy. She can play with it. She can bounce, throw, or roll it. What shape is the new toy?

26. How many triangles are in this picture?



27. Mark cut enough bananas in half so that he and 7 of his friends got half of a banana. How many bananas did he cut in half?
28. Amber had ten pieces of candy. She gave Dustin two pieces. She gave Ashley three pieces. Then she gave Brad two pieces. How many pieces of candy did Amber have left?

29. Which is longer six square pattern blocks or seven unifix cubes?
30. Continue this pattern until you get to a one-digit number: 98, 88, 78, 68...
31. Pat is playing at the park. He has to go home at 3:00. The hour hand is on the one. The minute hand is on the 12. How much longer can Pat stay at the park.
32. How many rectangles are in this picture?



33. Three boys want to buy a ball that costs 90 cents. Bill has 20 cents. John has 30 cents. Ted has 20 cents. If they put their money together, will they have enough money to buy the ball?
34. Find the error in this pattern:



Rewrite the pattern using “A’s, B’s, and C’s”

35. Look at today’s date. If Becky’s birthday is in three weeks, on what day of the week is her birthday. What will the date be?
36. Bobby is six years old.
Don is nine years old.
Sue is ten years old.
Who is four years younger than Sue?

<p>What number is: larger than a week, smaller than a month, and has repeated even digits?</p> <p style="text-align: right;">1</p>	<p>What comes next: S, M, T, W, T, F, _____</p> <p style="text-align: right;">2</p>
<p style="text-align: right;">3</p> <p>What comes next: A, C, G, I, M, O, _____</p>	<p style="text-align: right;">4</p> <p>What number is: Larger than seven Less than a dozen An odd, two-digit number</p>

Name five numbers less than 70 that are the same when turned upside down?

5

What number has the same number of letter as its value?

6

7

What are the ways to make exactly 15¢?

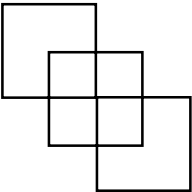
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March and November have something in common. Can you find what it is?

<p><i>What number is:</i></p> <p>Between one and 40</p> <p>Not an even number</p> <p>Not less than 16</p> <p>Not more than 26</p> <p>A number you hear when counting by fives</p> <p style="text-align: right;">9</p>	<p>There were eight children in line at the sliding board. Julie was the fourth in line.</p> <p>How many children were in line behind her?</p> <p style="text-align: right;">10</p>
<p style="text-align: right;">11</p> <p>What is the 15th letter in this pattern?</p> <p>XOXXOXXXO...</p>	<p style="text-align: right;">12</p> <p>Five children are playing on the playground. The teacher called them in for a snack. She had 20 cookies.</p> <p>How many did each student get?</p>

<p>How many legs are in the barnyard:</p> <p>one horse,</p> <p>two goats,</p> <p>two pigs,</p> <p>three chickens.</p> <p style="text-align: right;">13</p>	<p>In the barnyard, I see ten legs and four heads.</p> <p>How many of the animals are pigs. How many are ducks?</p> <p style="text-align: right;">14</p>
<p style="text-align: right;">15</p> <p>Start with five. Add six, add four, subtract three, add ten.</p> <p>What is the answer?</p>	<p style="text-align: right;">16</p> <p>What are the next three numbers in this pattern:</p> <p>77, 66, 55, 44,</p> <p>____, _____, _____?</p>

<p>Jerry has six pennies. Billy has two less pennies than Jerry. Sam has three more pennies than Billy.</p> <p>How many pennies does each boy have?</p> <p style="text-align: right;">17</p>	<p>Four girls were in line for ice cream. Jenny was not first or last. Ashley was second in line.</p> <p>In which place of the line was Jenny?</p> <p style="text-align: right;">18</p>
<p style="text-align: right;">19</p> <p>How many sides are on two triangles and two squares?</p>	<p style="text-align: right;">20</p> <p>Use the digits 3, 5, and 7.</p> <p>How many two-digit numbers can you make? What are they?</p>

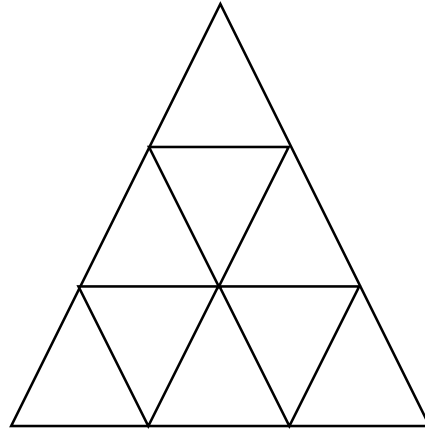
<p>Guess my number: It is between 70 and 80. It has three ones.</p> <p>What is the number?</p> <p style="text-align: right;">21</p>	<p>How many squares are in this picture?</p>  <p style="text-align: right;">22</p>
<p style="text-align: right;">23</p> <p>Four insects were walking in a line. The grasshopper was not first or last. The lady bug was third.</p> <p>Where was the grasshopper?</p>	<p style="text-align: right;">24</p> <p>I am thinking of a number. If you add two to my number, you get eight. If you subtract two from my number, you get four.</p> <p>What is my number?</p>

Emily bought a new toy. She can play with it. She can bounce, throw, or roll it.

What shape is the new toy?

25

How many triangles are in this picture?



26

27

Mark cut enough bananas in half so that he and seven of his friends got half of a banana.

How many bananas did he cut in half?

28

Amber had ten pieces of candy. She gave Dustin two pieces. She gave Ashley three pieces. Then she gave Brad two pieces.

How many pieces of candy did Amber have left?

Which is longer: six square pattern blocks or seven unifix cubes?

29

Continue this pattern until you get to a one-digit number:
98, 88, 78, 68...

30

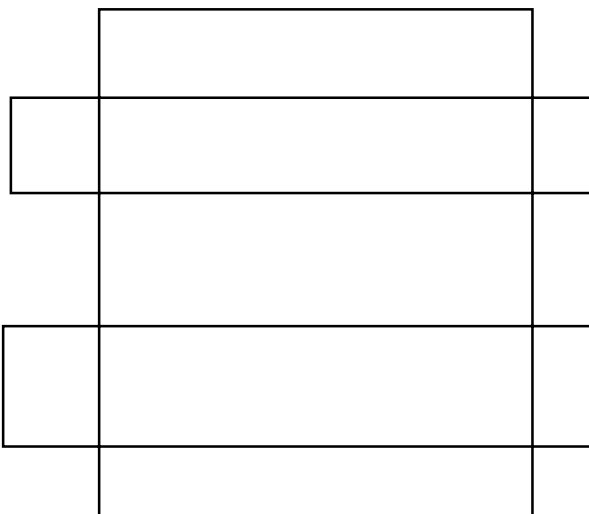
31

Pat is playing at the park.
He has to go home at 3:00.
The hour hand is on the one.
The minute hand is on the 12.

How much longer can Pat stay at the park.

32

How many rectangles are in this picture?

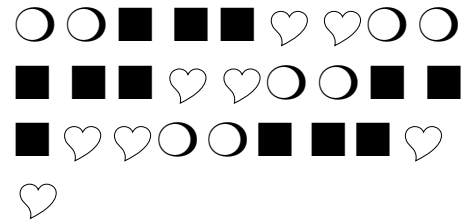


Three boys want to buy a ball that costs 90 cents. Bill has 20 cents. John has 30 cents. Ted has 20 cents.

If they put their money together, will they have enough money to buy the ball?

33

Find the error in this pattern:



Rewrite the pattern using “A’s, B’s, and C’s”

34

35

Look at today’s date. If Becky’s birthday is in three weeks, on what day of the week is her birthday.

What will the date be?

36

Bobby is six years old.

Don is nine years old.

Sue is ten years old.

Who is four years younger than Sue?

Answers:

1. 22
2. S (Saturday)
3. S (Skip 1 letter, then skip 3 letters)
4. 11
5. 0, 1, 8, 11, 69
6. 4 four
7. 15 pennies; 10 pennies and 1 nickel;
5 pennies and 1 dime; 3 nickels; 1 nickel
and 1 dime
8. Dates fall exactly on the same days of
the week except for March 31
9. 25
10. 4
11. X
12. 4
13. 26
14. 1 pig, 3 ducks
15. 22
16. 33, 22, 11
17. Jerry - 6
Billy - 4.
Sam - 7
18. 3rd
19. 14
20. 9: 33, 35, 37, 53, 55, 57, 73, 75, 77
21. 73
22. 7
23. 2nd
24. 6
25. sphere
26. 13
27. 4
28. 3
29. 6 pattern blocks
30. 58, 48, 38, 28, 18, 8
31. 2 hours
32. 19
33. No
34. square in 3rd set is missing
AA BBB CC AA BBB CC AA BBB CC
35. Answers will vary
36. Bobby