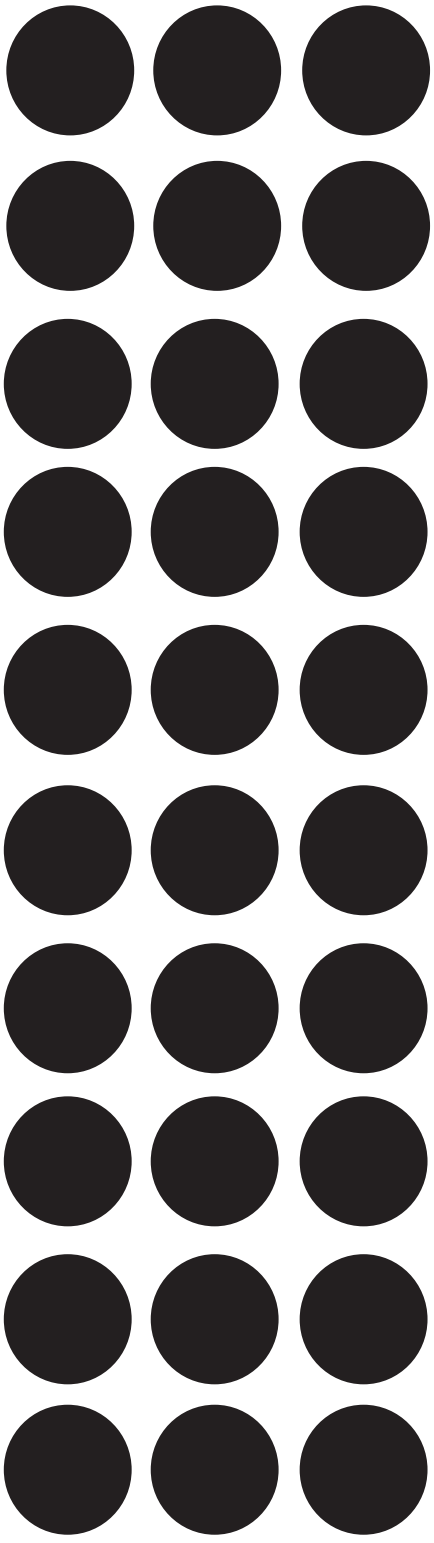

threes array

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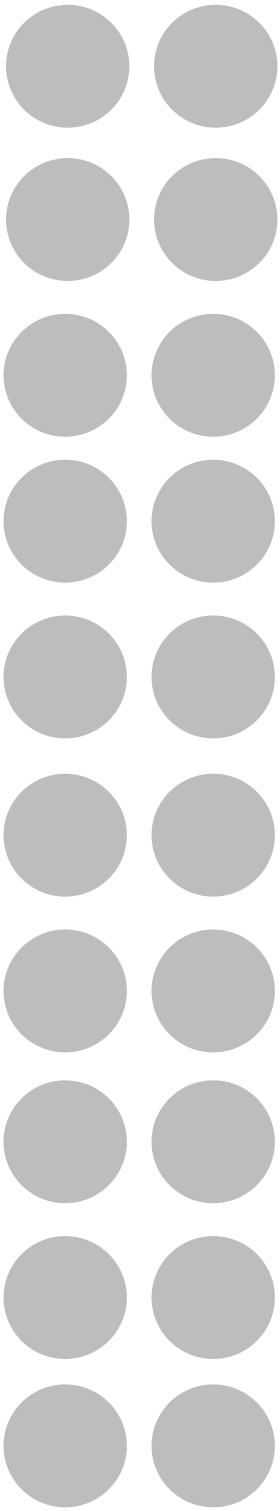

twos array

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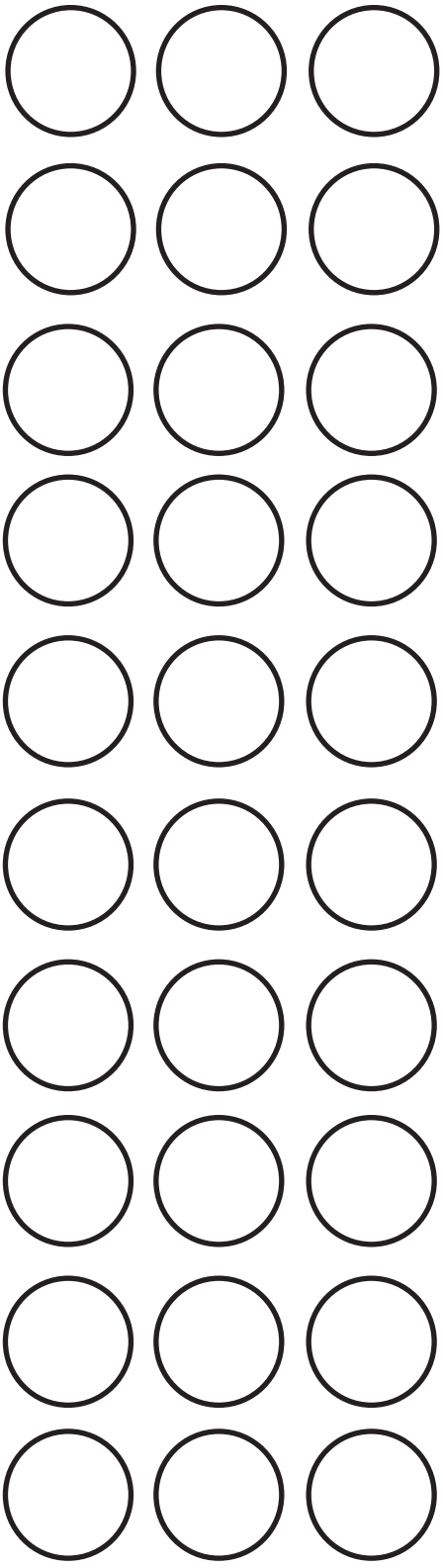

threes array no fill

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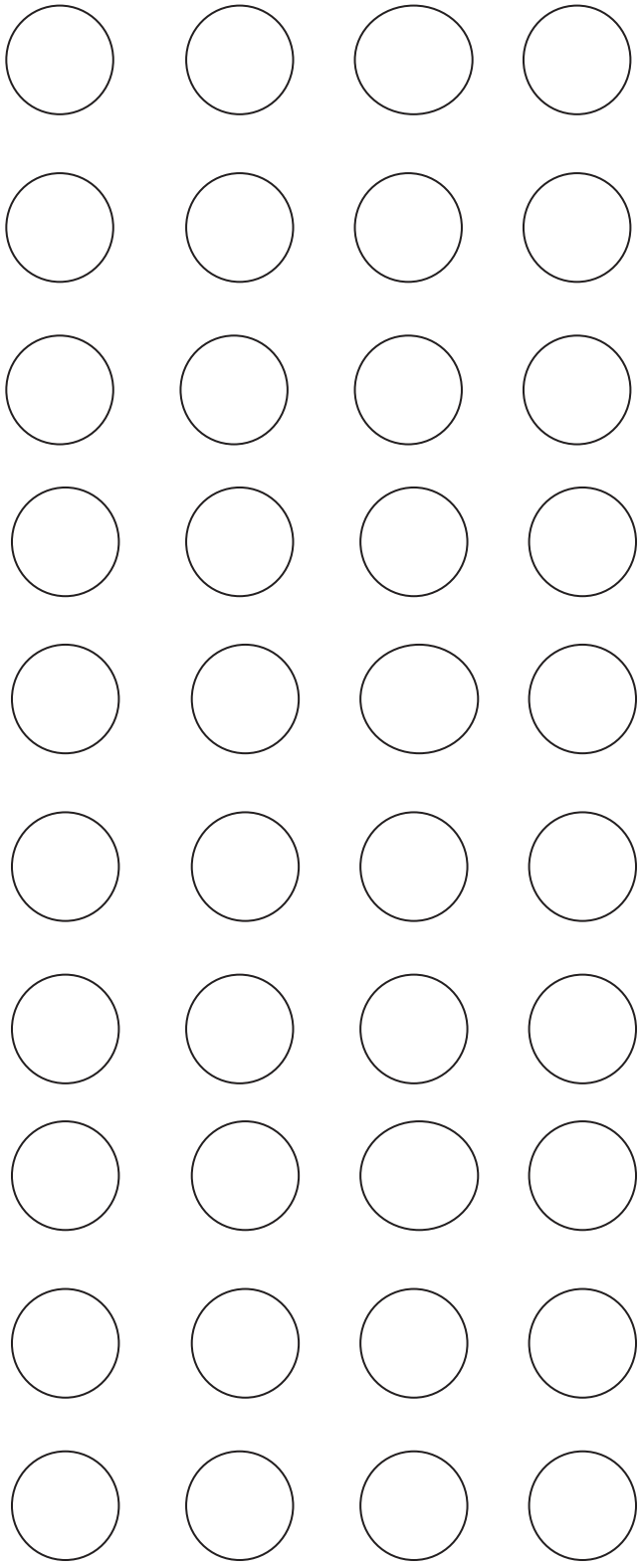

fours array

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tape diagram

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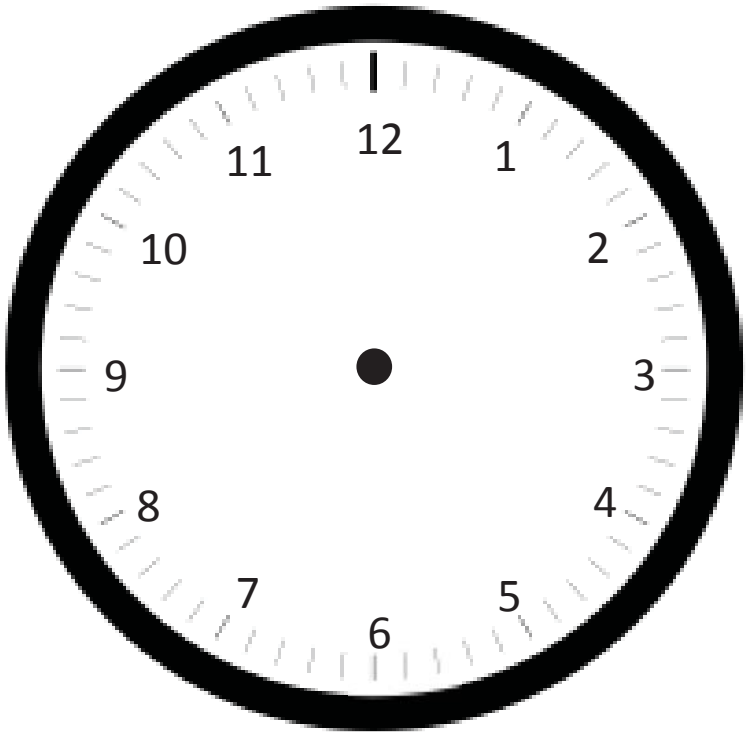

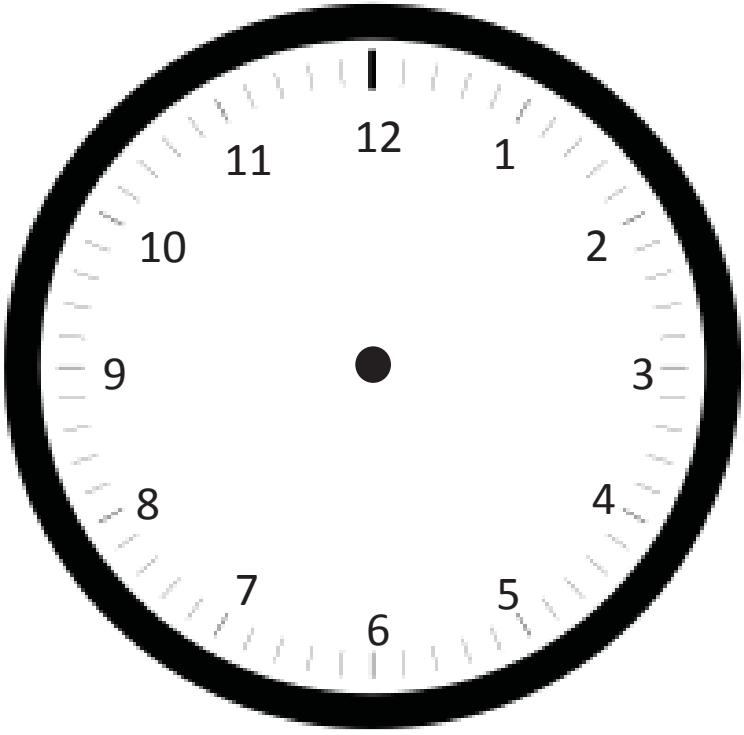

two clocks

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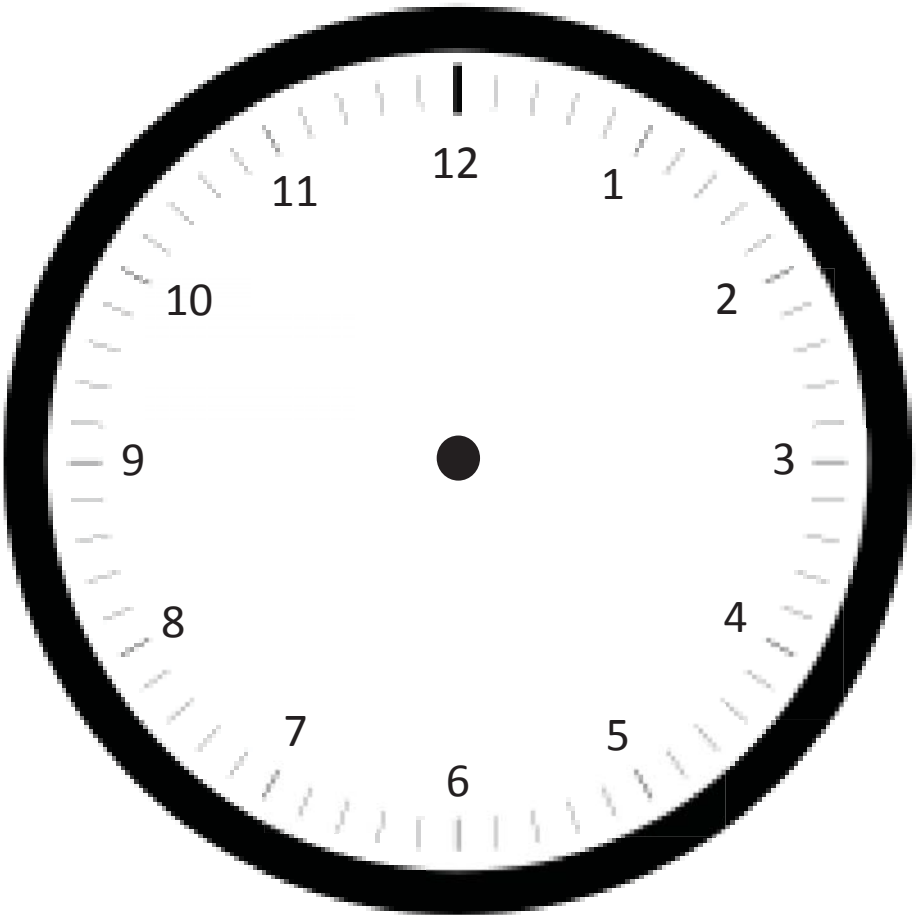

clock

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number line

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unlabeled place value chart

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Name _____ Date _____

Solve the following pairs of problems. Circle the pairs where both problems have the same answer.

1. a. 7 + (6 + 4)
   b. (7 + 6) + 4

2. a. (3 × 2) × 4
   b. 3 × (2 × 4)

3. a. (2 × 1) × 5
   b. 2 × (1 × 5)

4. a. (4 × 2) × 2
   b. 4 × (2 × 2)

5. a. (3 + 2) × 5
   b. 3 + (2 × 5)

6. a. (8 ÷ 2) × 2
   b. 8 ÷ (2 × 2)

7. a. (9 – 5) + 3
   b. 9 – (5 + 3)

8. a. (8 × 5) – 4
   b. 8 × (5 – 4)

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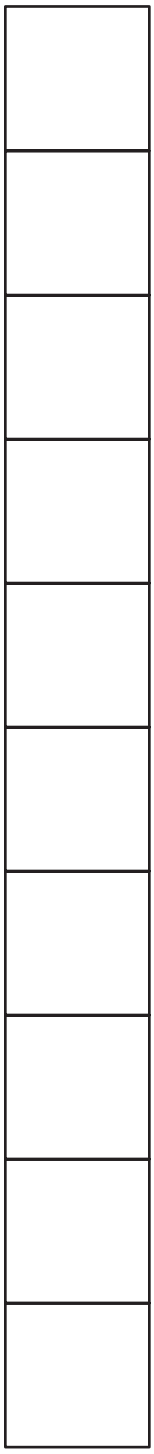

tape diagram

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30 × 6 =	9 × 60 =	40 × 2 =	10 × 6 =
70 × 3 =	50 × 6 =	80 × 9 =	20 × 5 =
8 × 30 =	3 × 30 =	5 × 50 =	4 × 40 =
6 × 80 =	70 × 7 =	20 × 7 =	10 × 7 =
90 × 7 =	2 × 60 =	50 × 7 =	80 × 5 =
60 × 6 =	9 × 50 =	30 × 9 =	4 × 80 =

multiples of 10 multiplication cards

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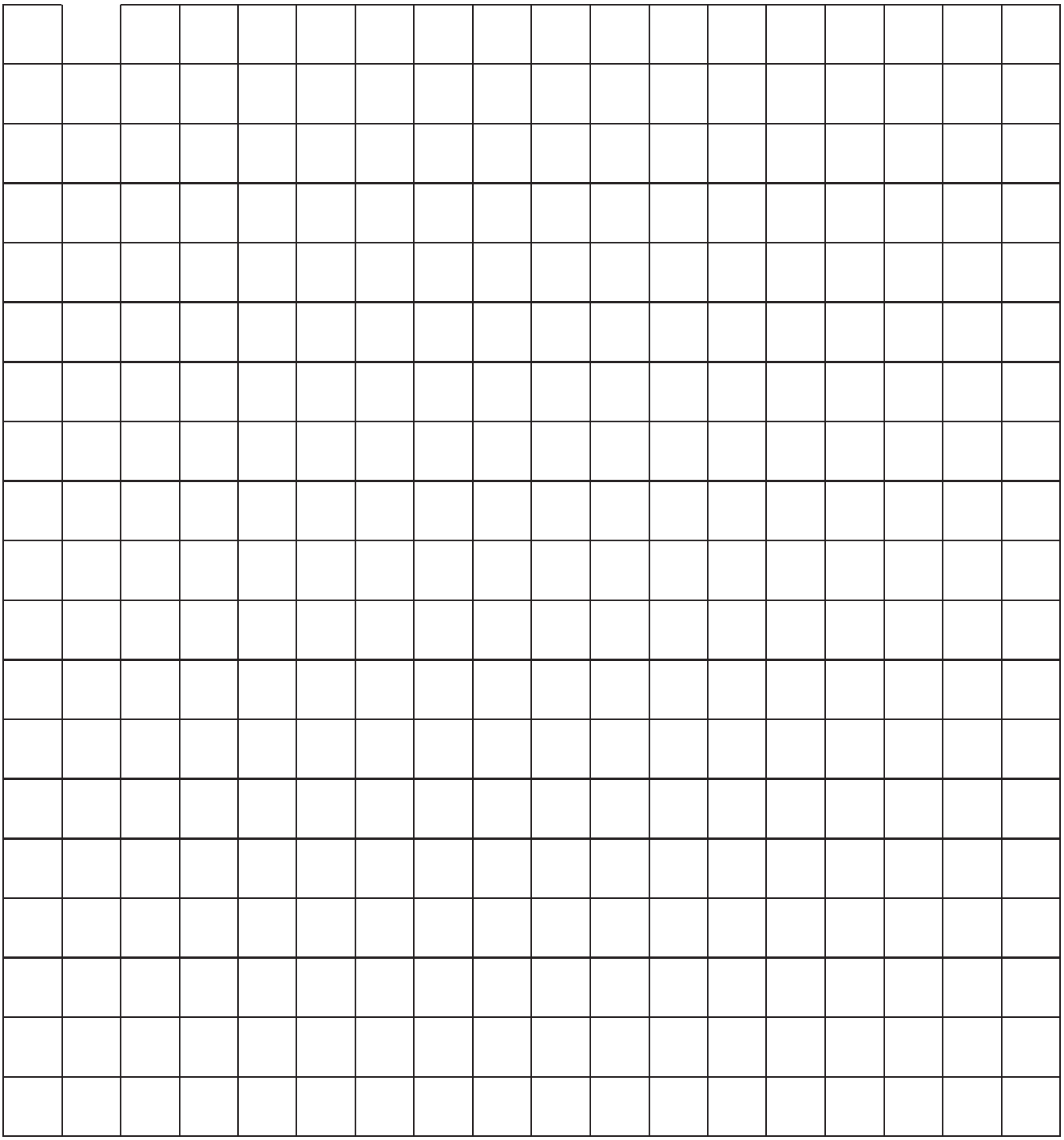

centimeter grid

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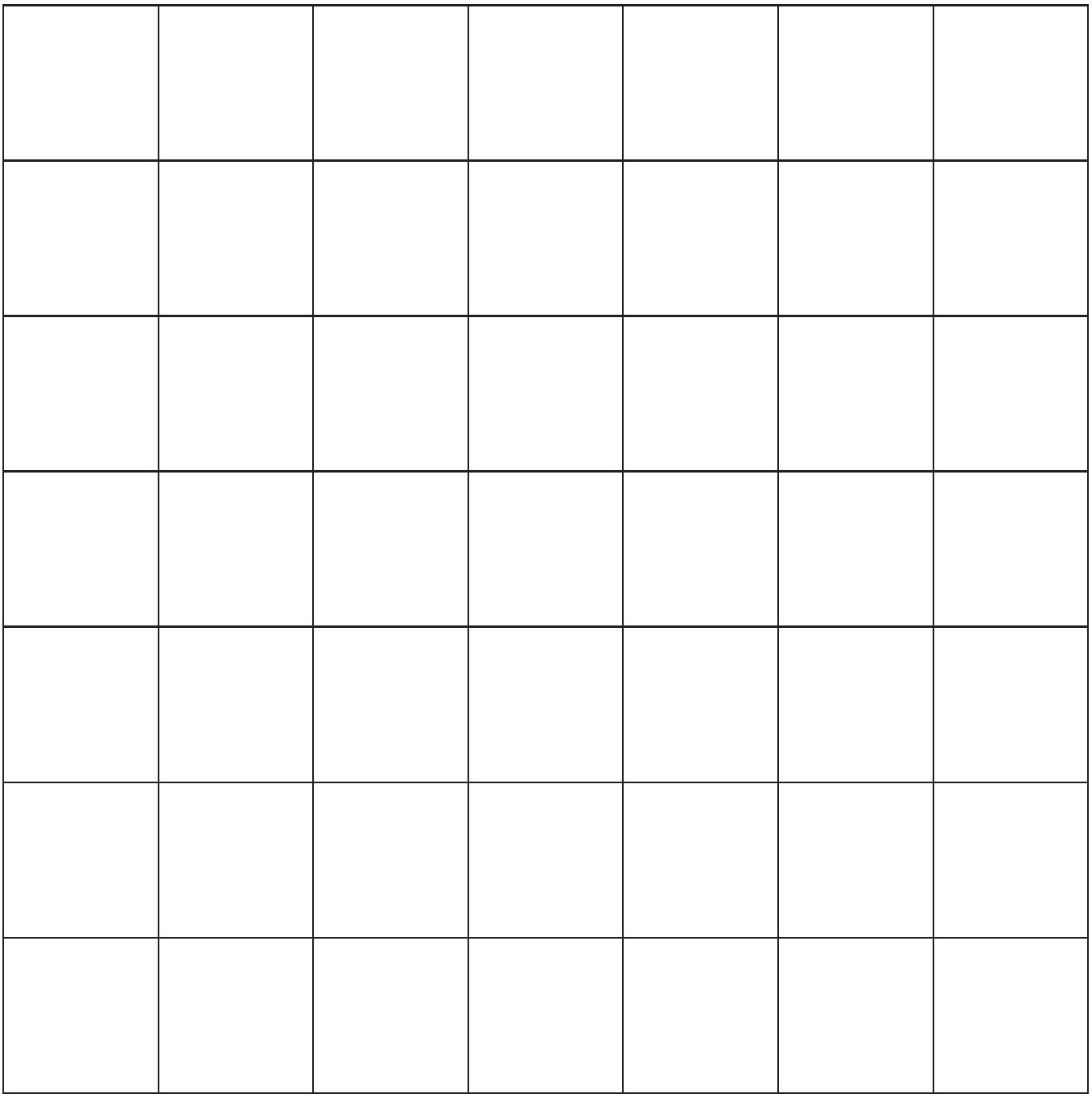

inch grid

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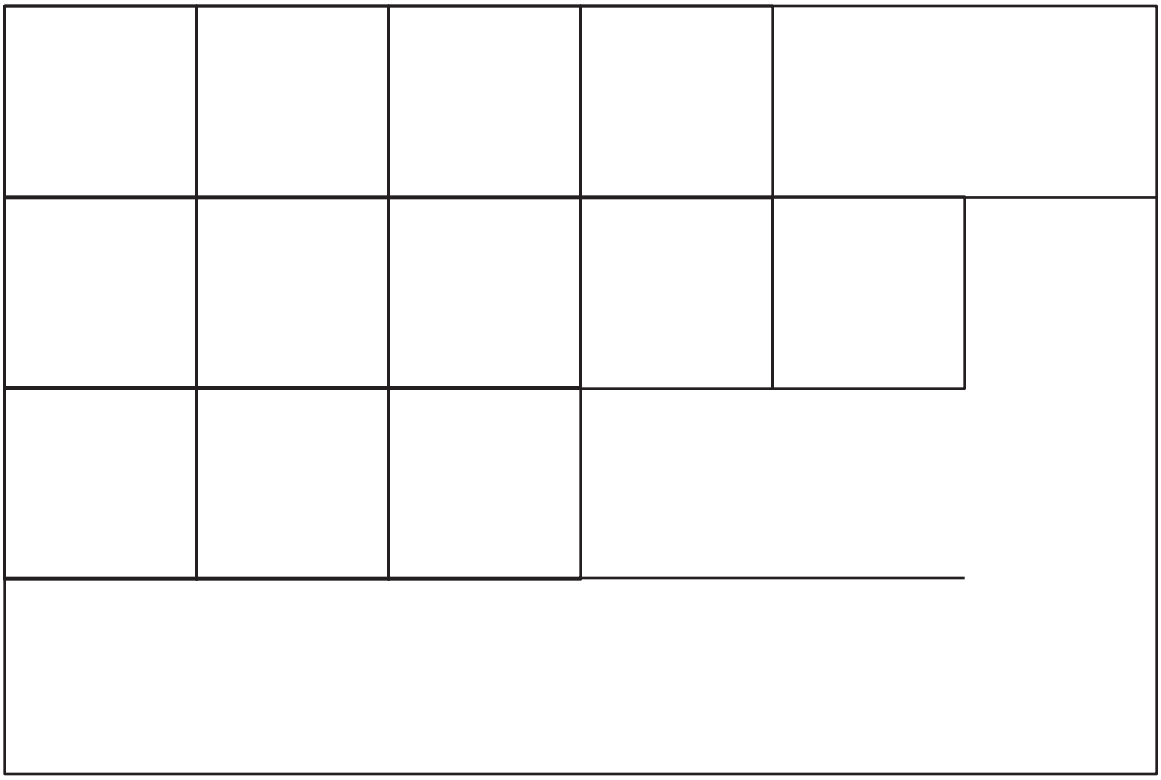

array 1

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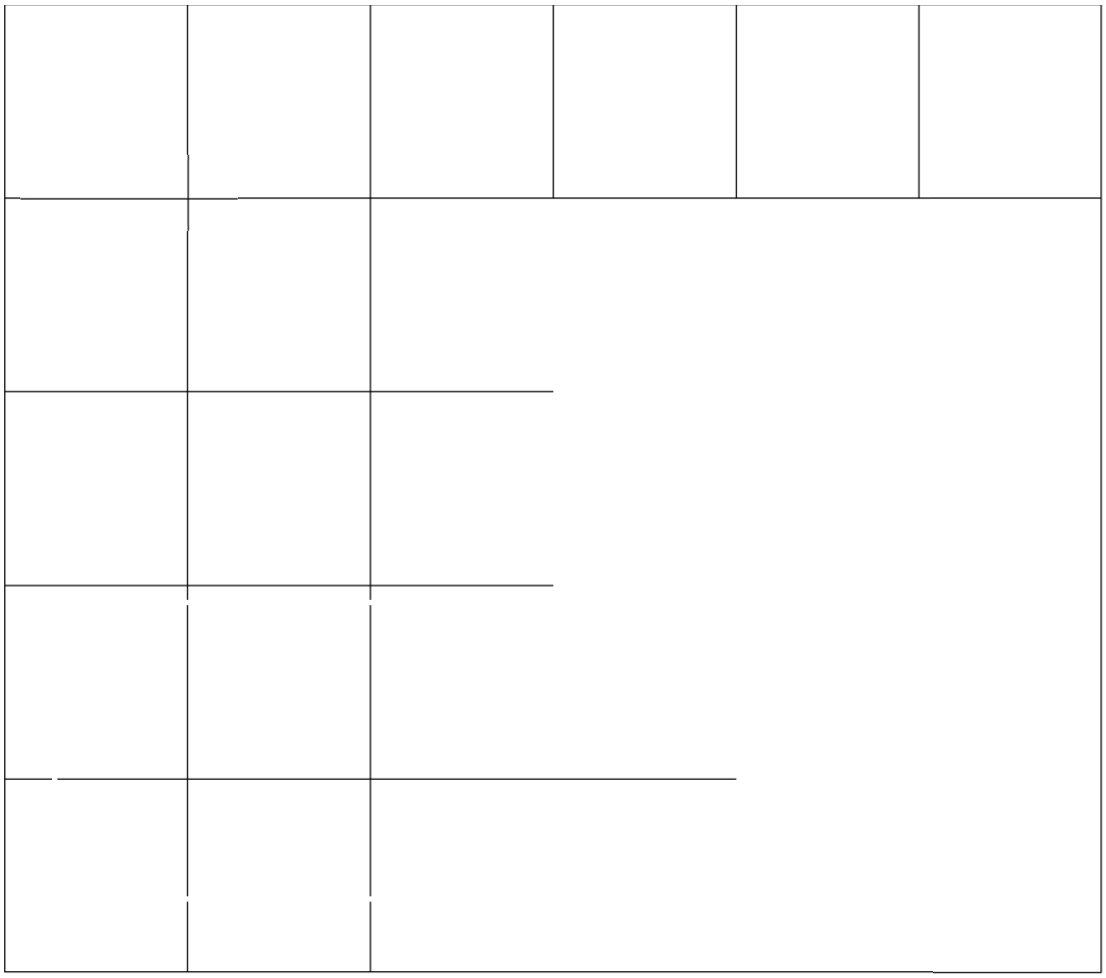

array 2

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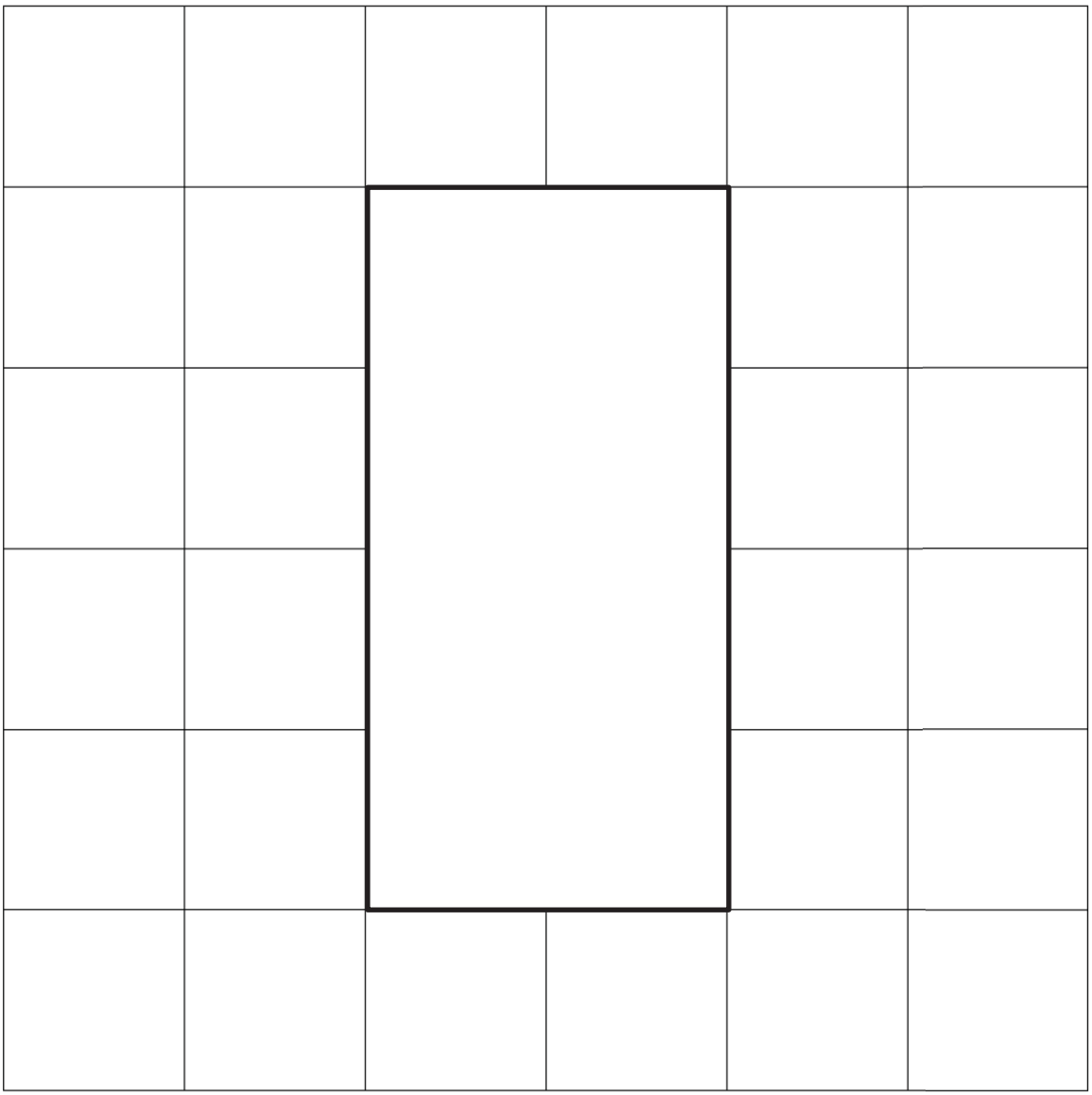

area model

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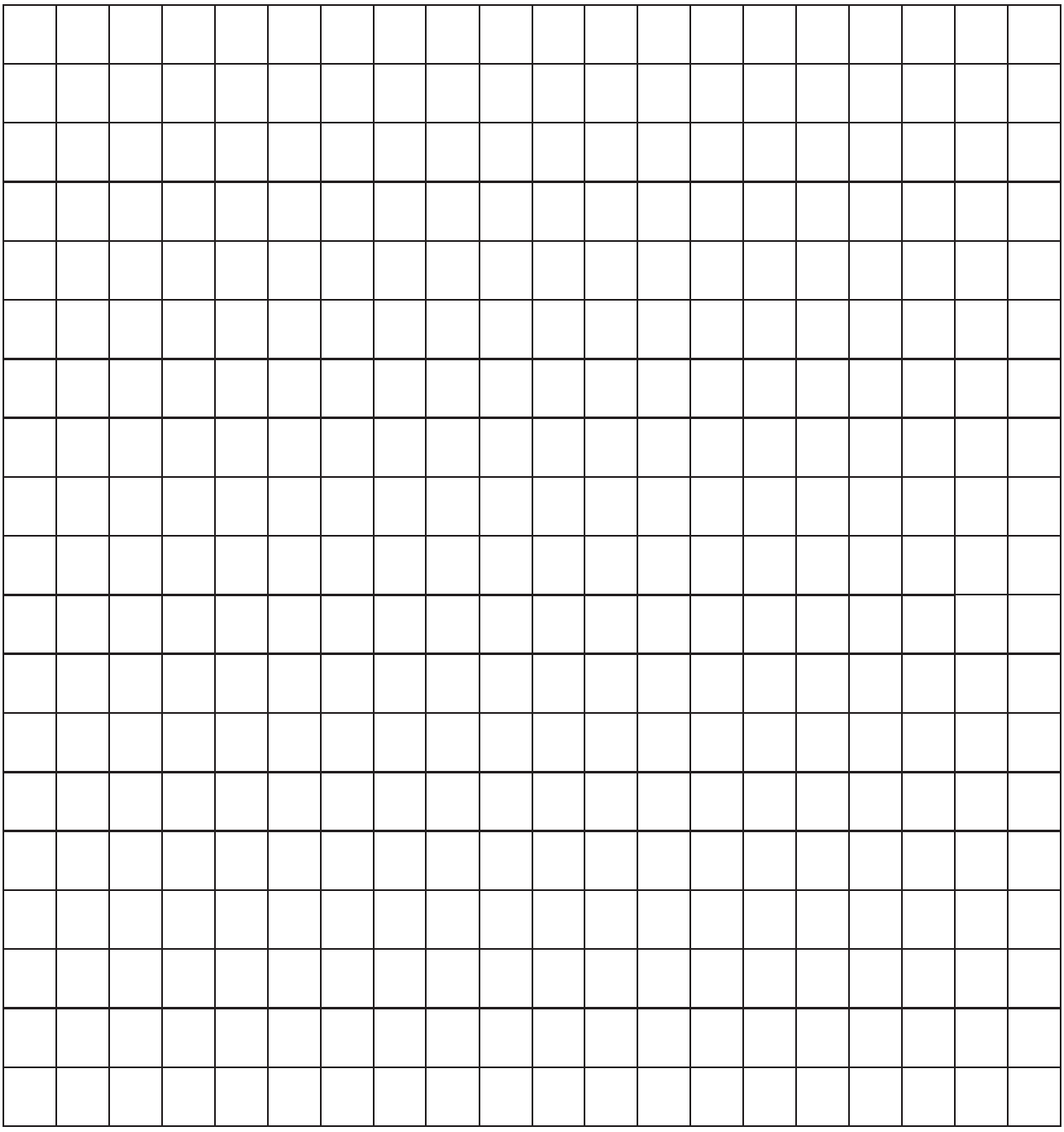

grid

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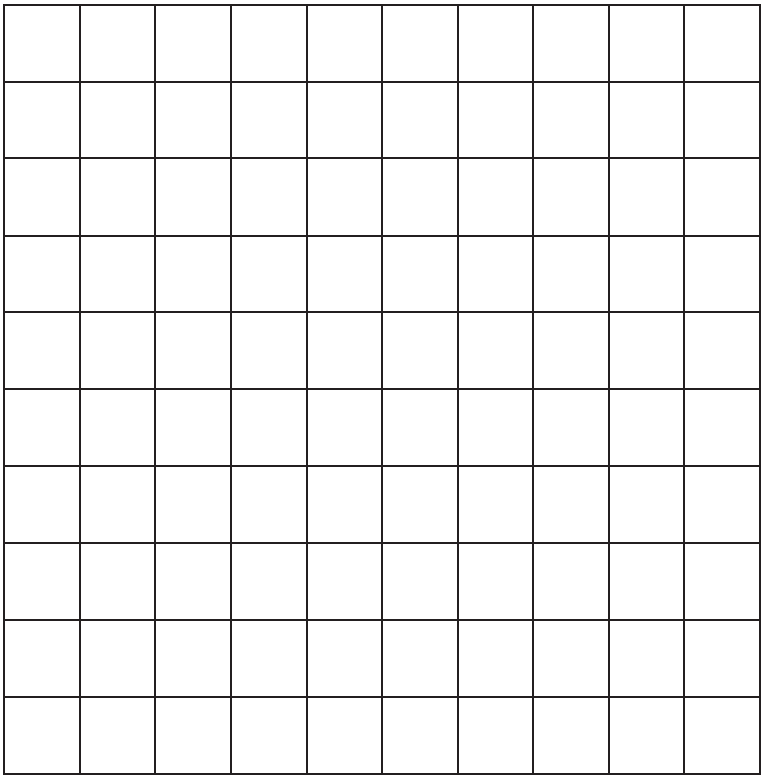

small centimeter grid

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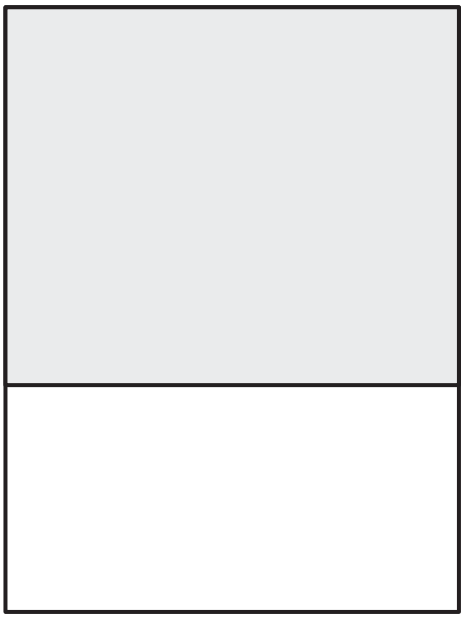

tiling

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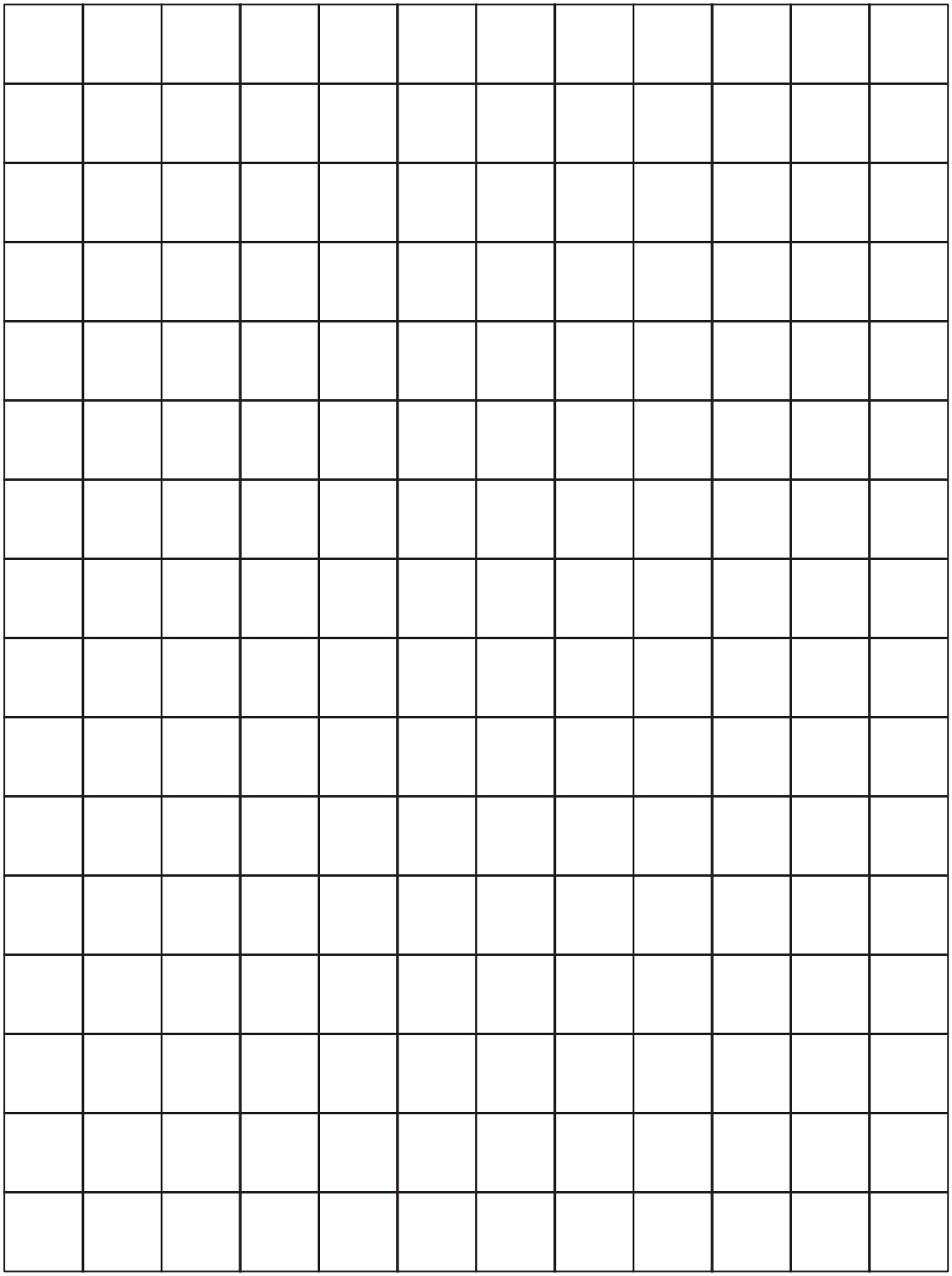

large grid

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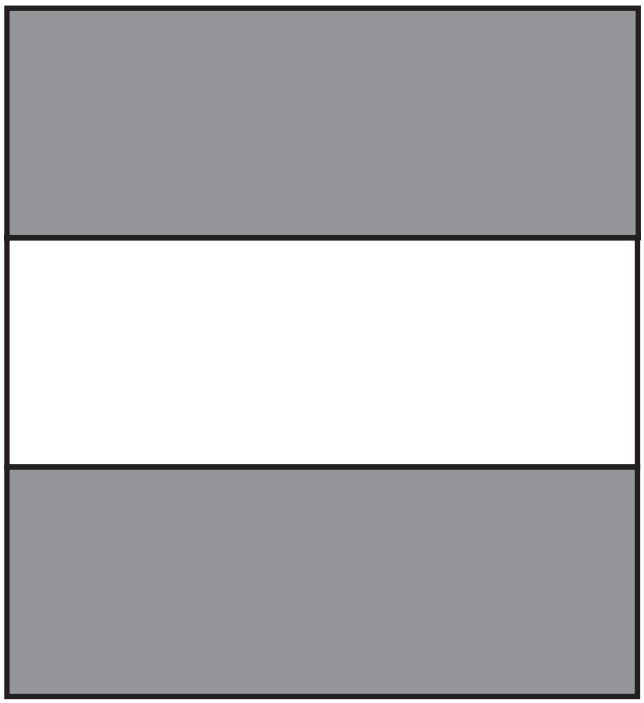

thirds

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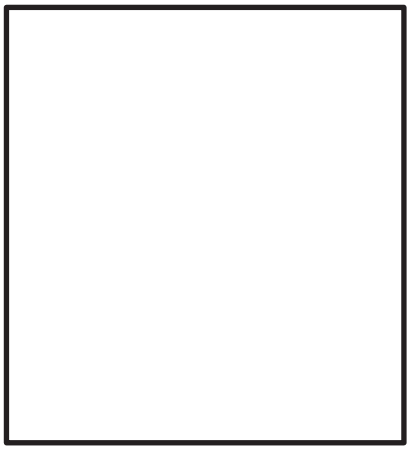
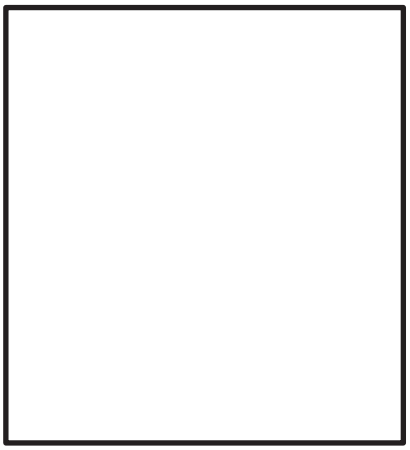
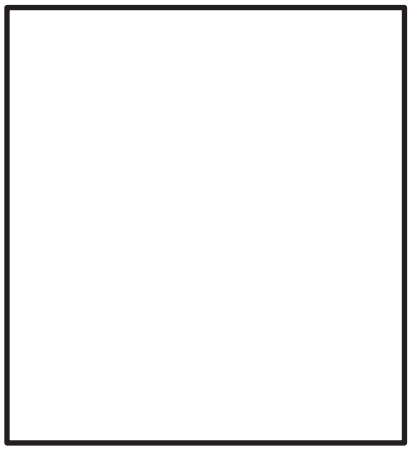
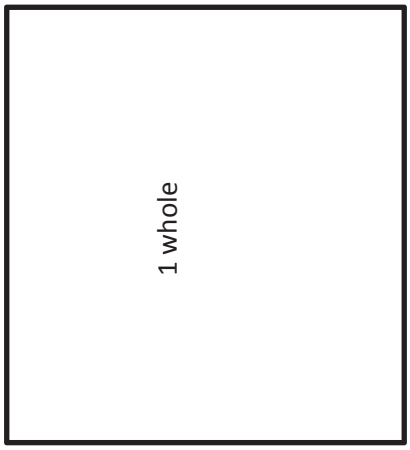
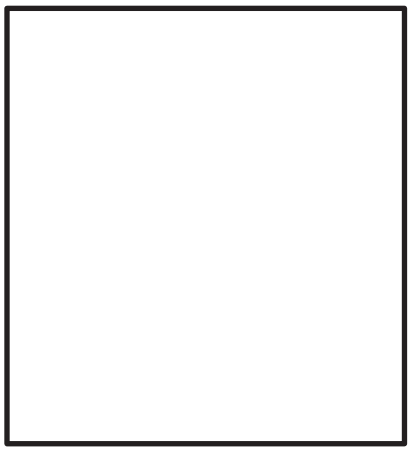

fourths


halves


sixths


1 whole


thirds

fraction pieces

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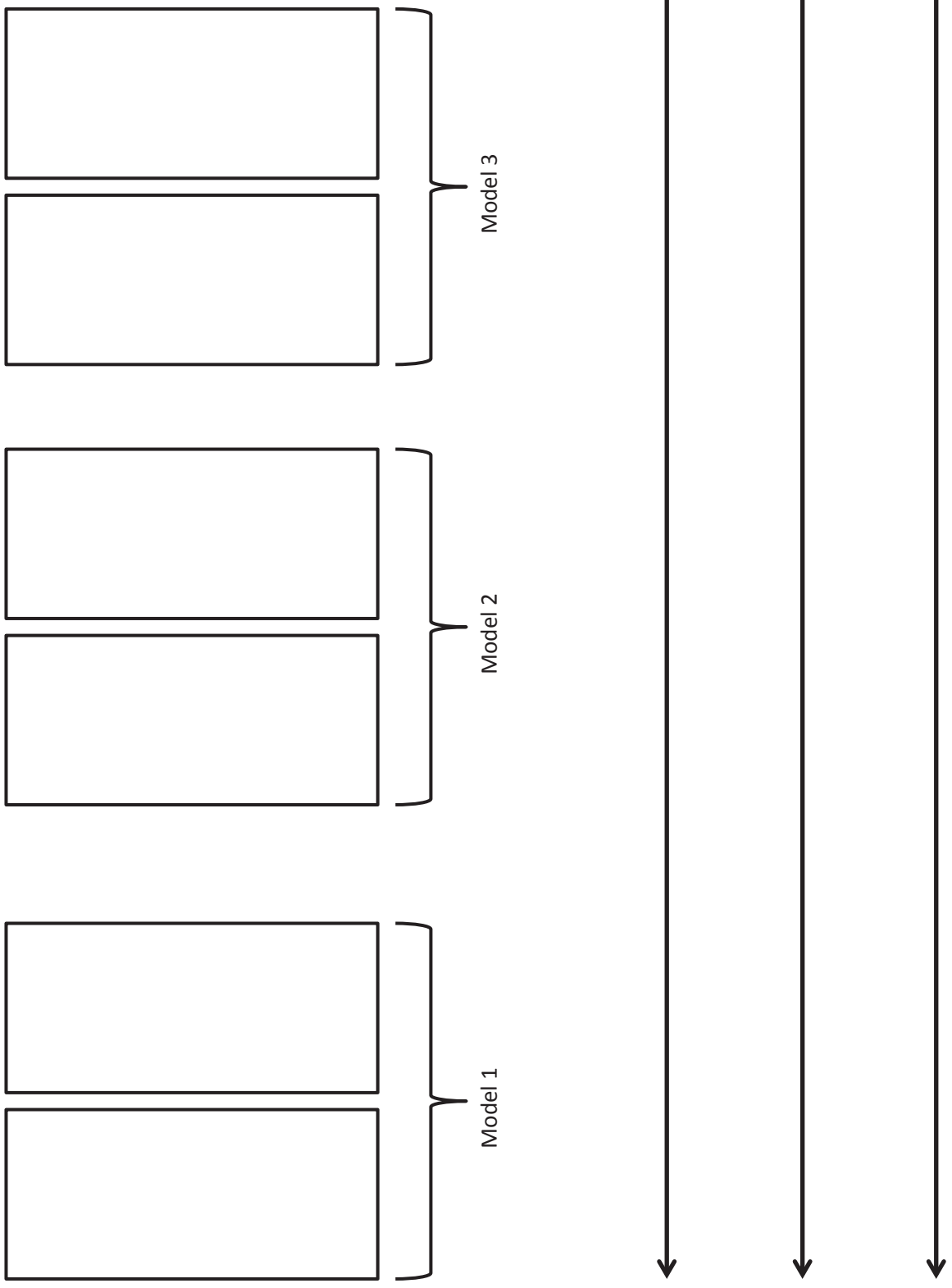

6 wholes

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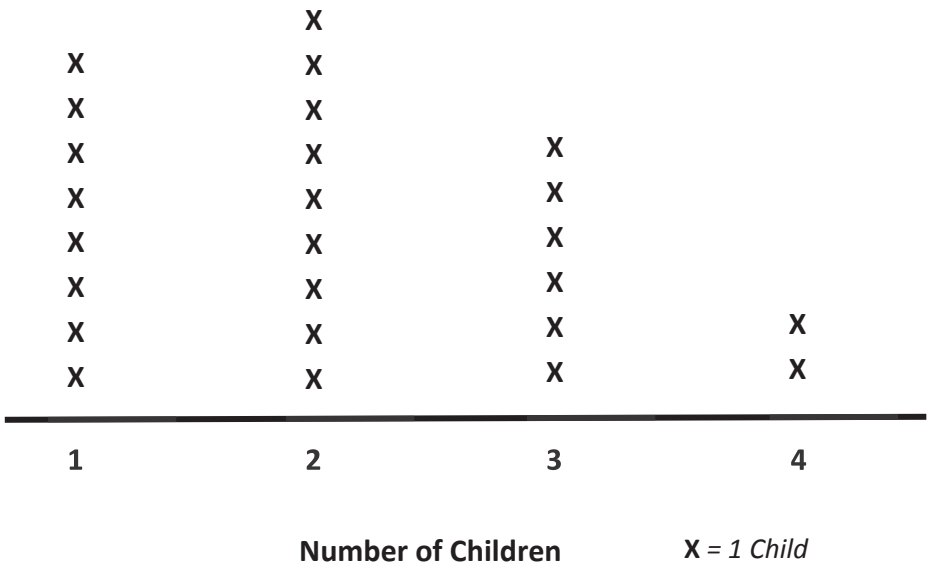
Number of Children in Third-Grade Families



line plot

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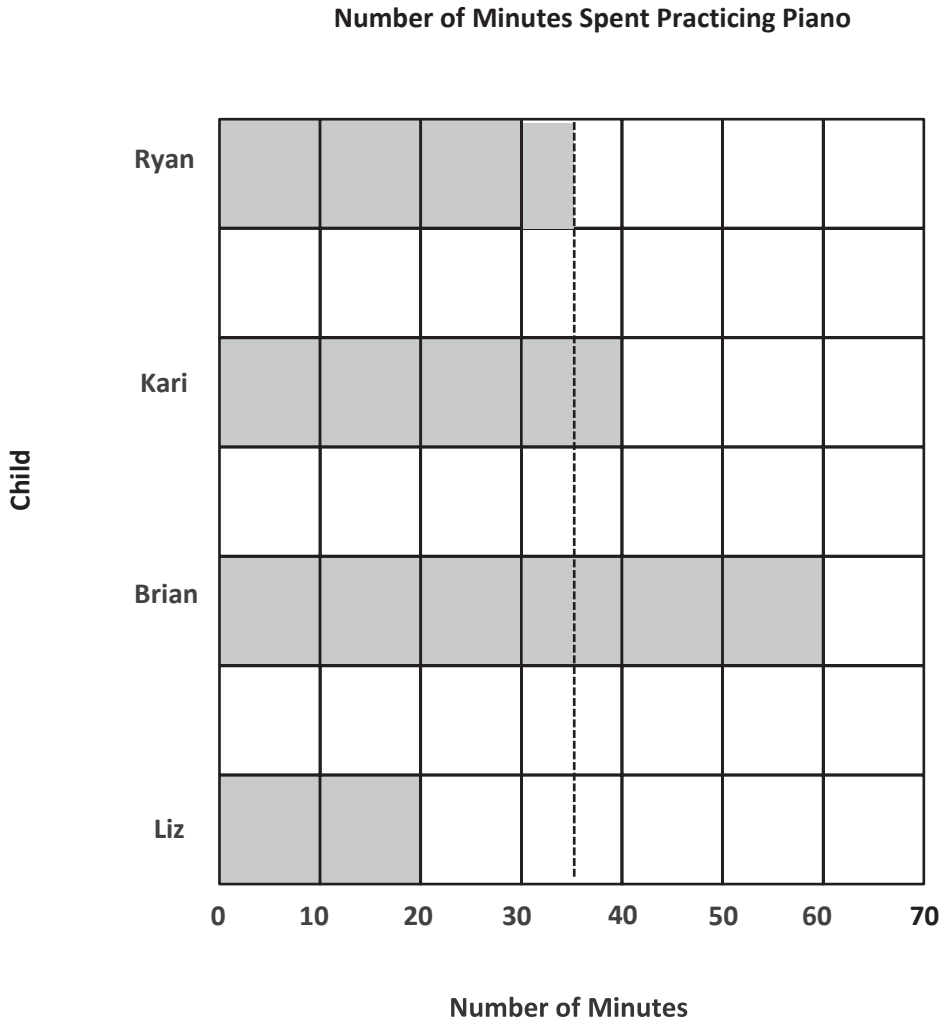

bar graph

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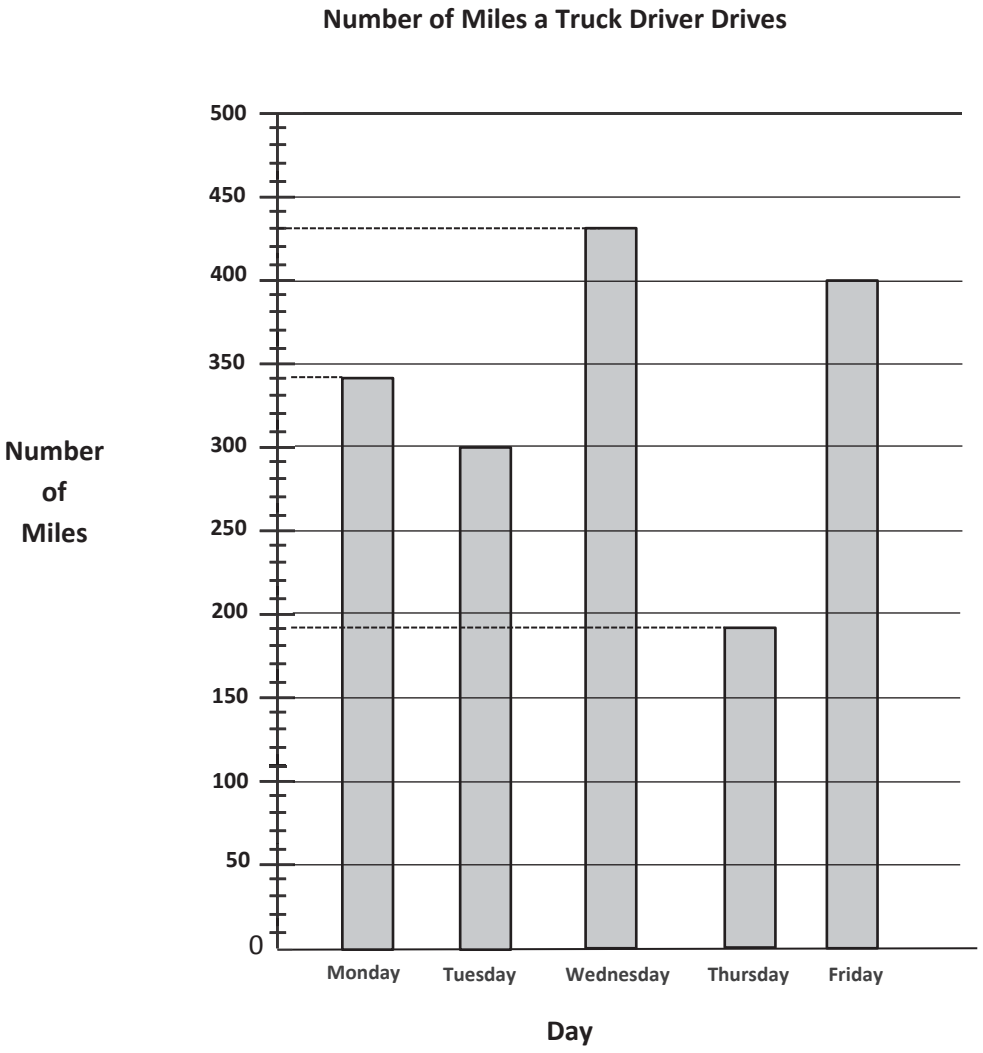

number of miles bar graph

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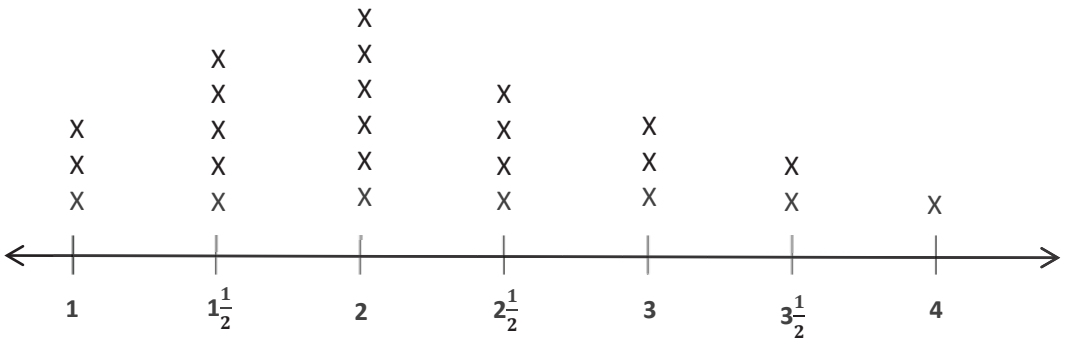
Time Spent Outside Over the Weekend



Hours

X = *1 person*

time spent outside line plot

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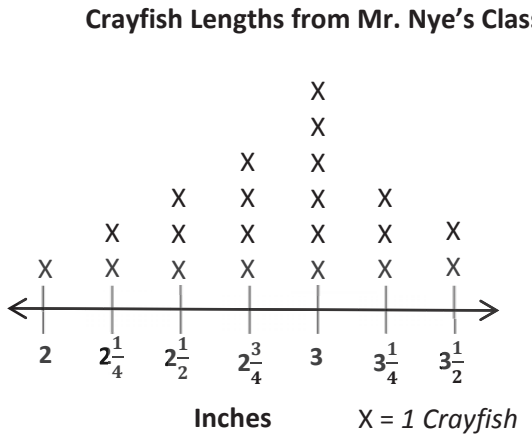

bar graph and line plot

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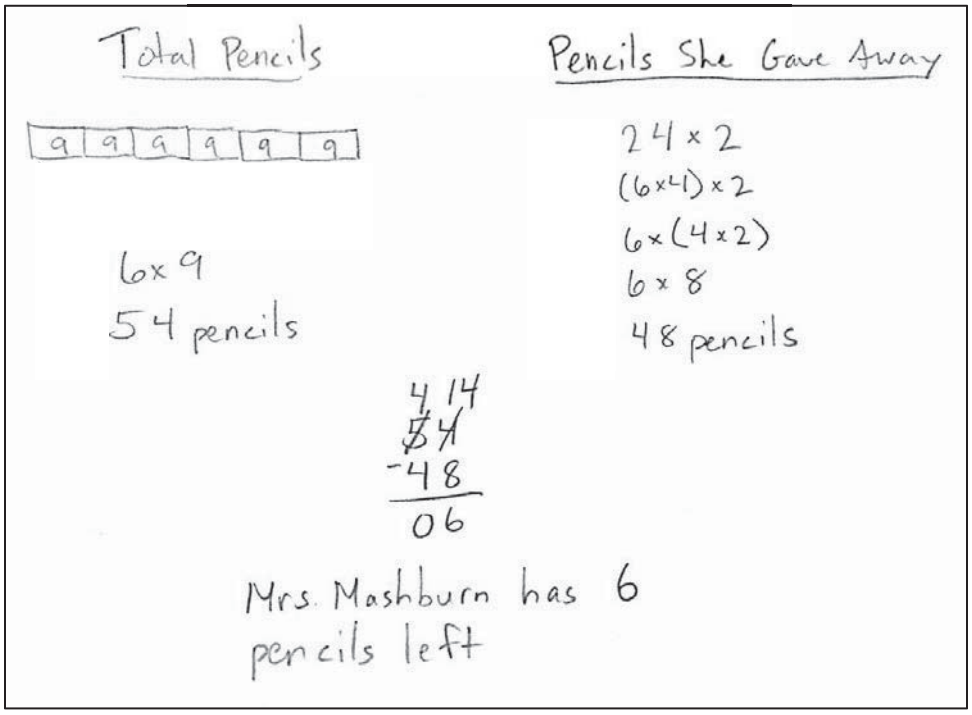
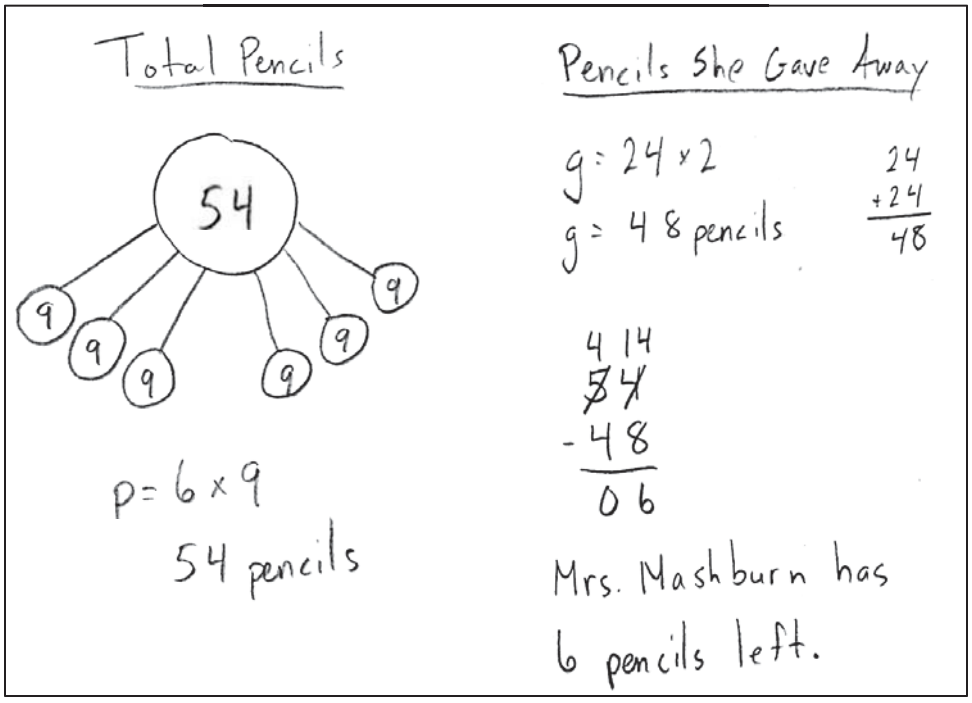
Student A



Student B



student work samples

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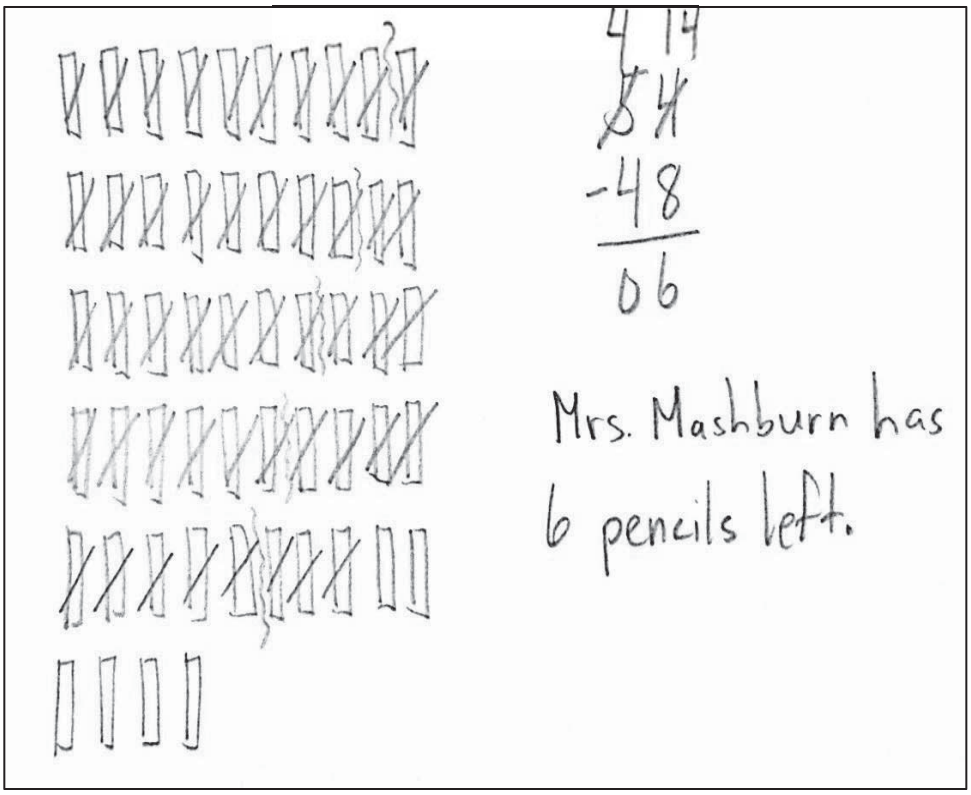
Student C



student work samples

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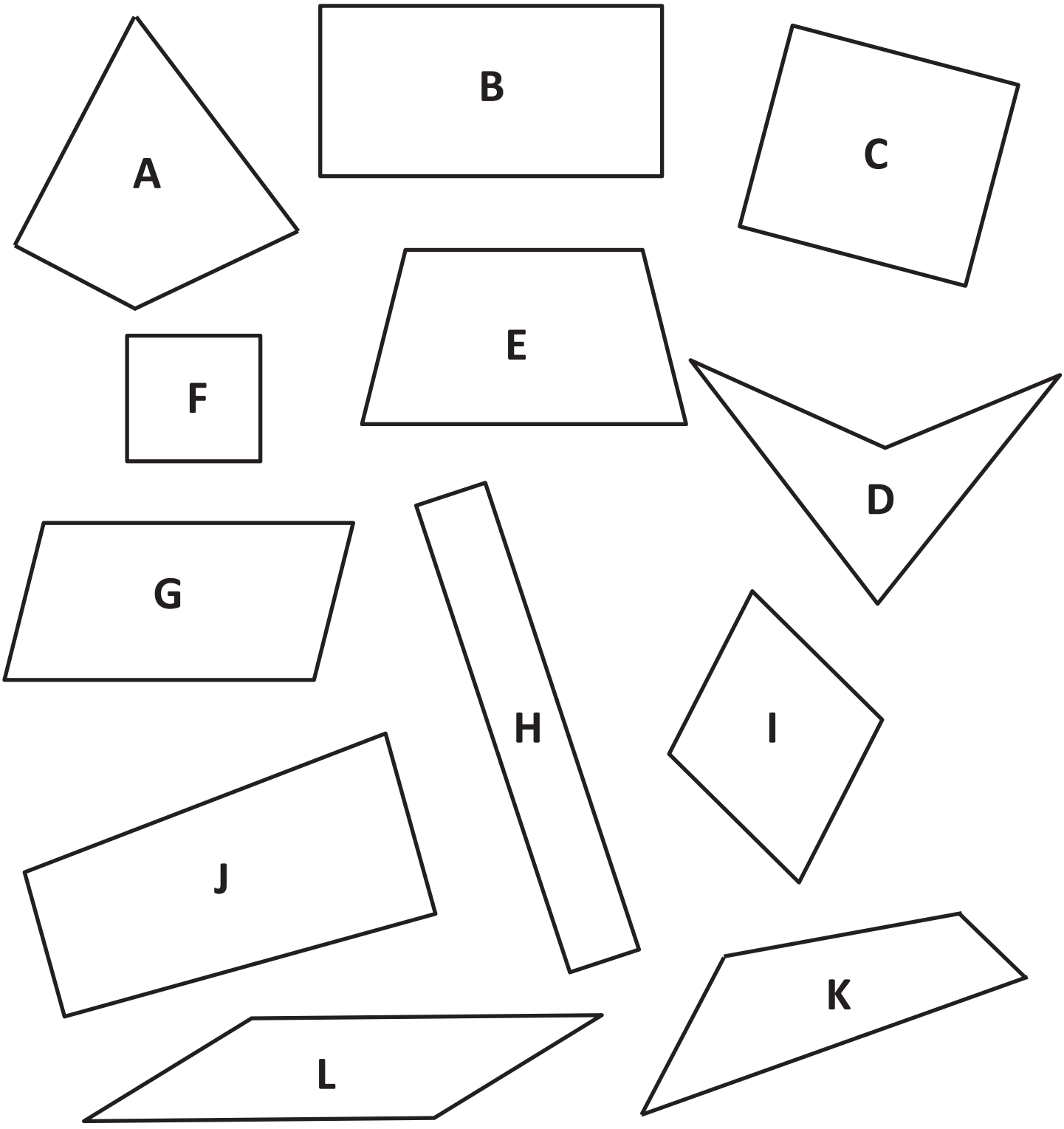

polygons (A–L)

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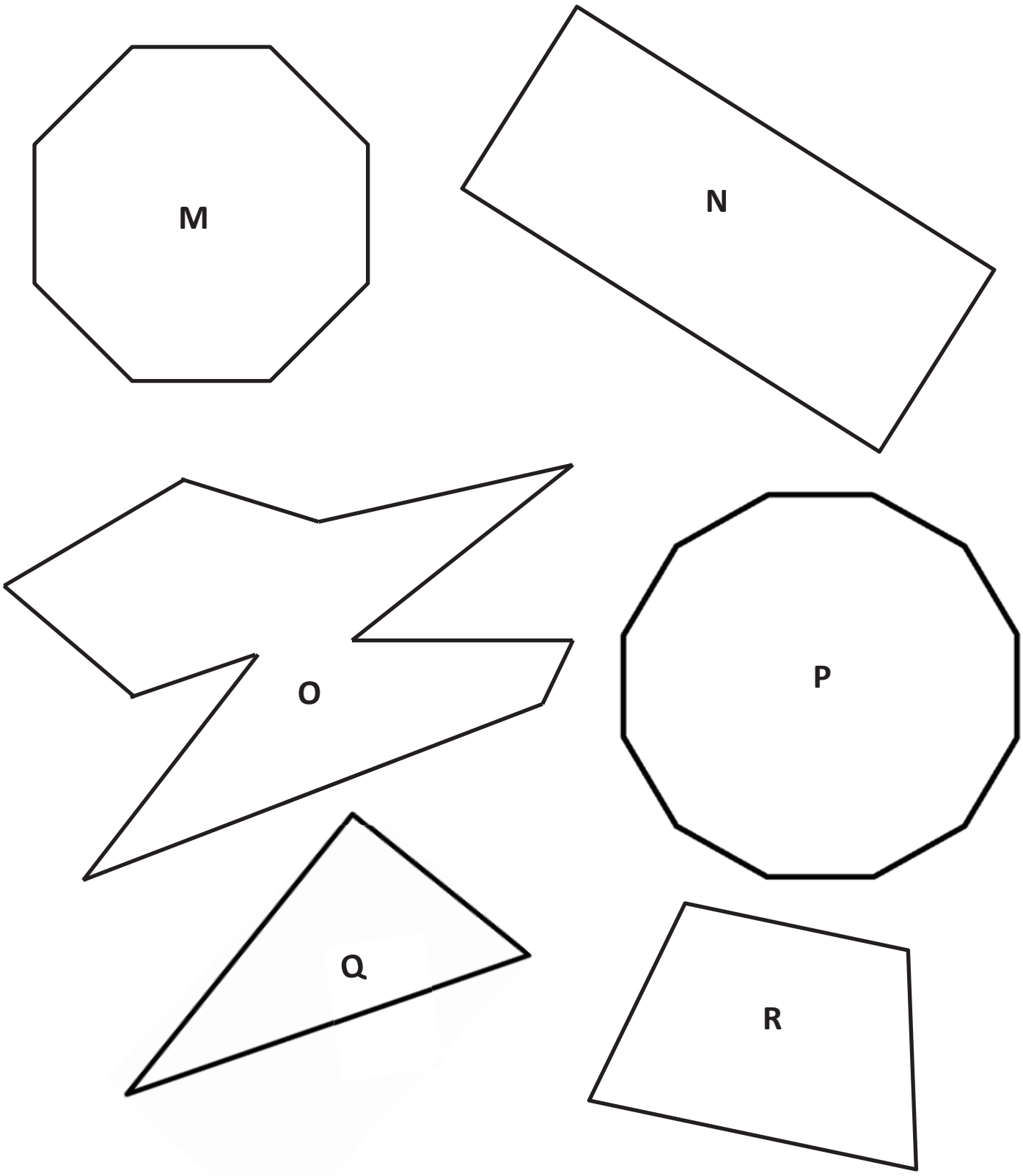

polygons (M–X)

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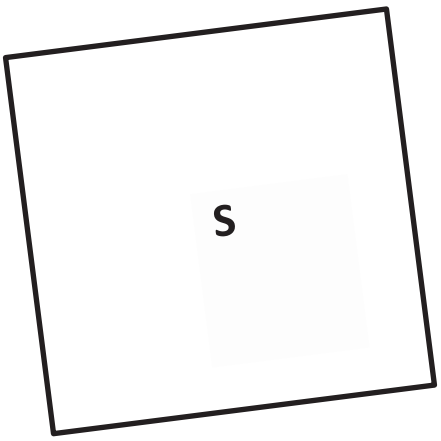

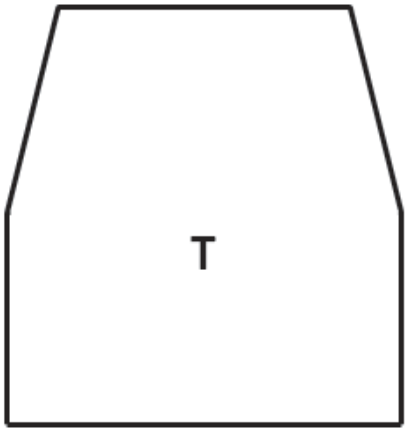

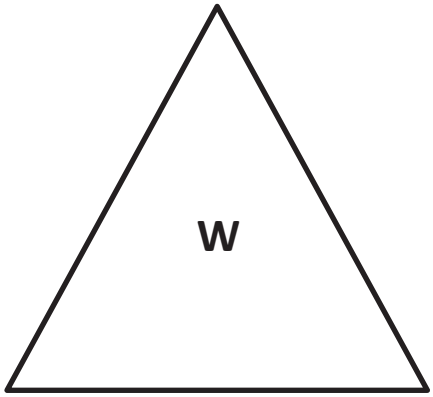

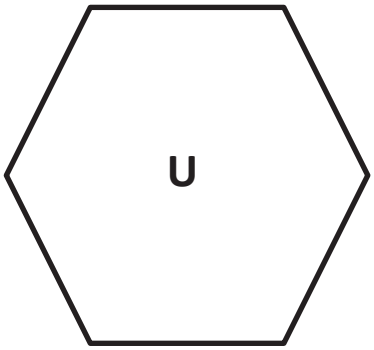

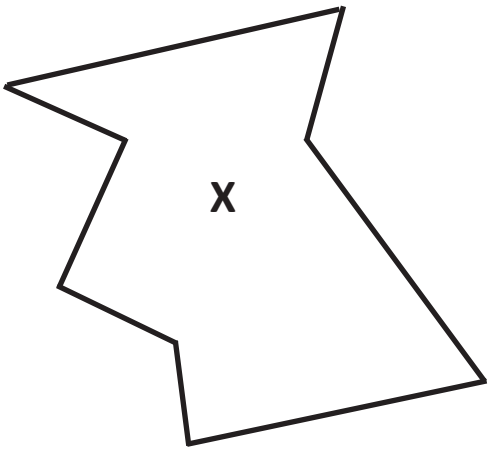

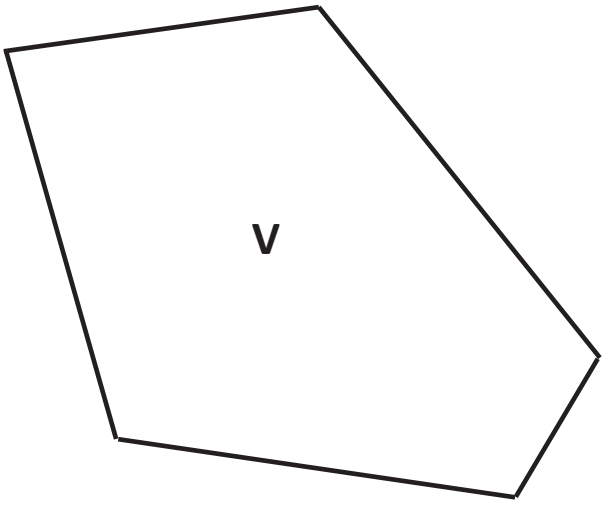

polygons (M–X)

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polygon

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has at least 1 angle **greater than** a right angle	is a quadrilateral	has all equal sides (label side lengths)
has at least 1 angle **less than** a right angle	is a trapezoid	has at least 2 equal sides (label side lengths)
has at least 1 right angle	is a hexagon	has at least 1 set of parallel sides
has more than 4 angles	is a parallelogram	has no parallel sides

game cards

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A	B	C
A	B	C
A	B	C
A	B	C

game cards

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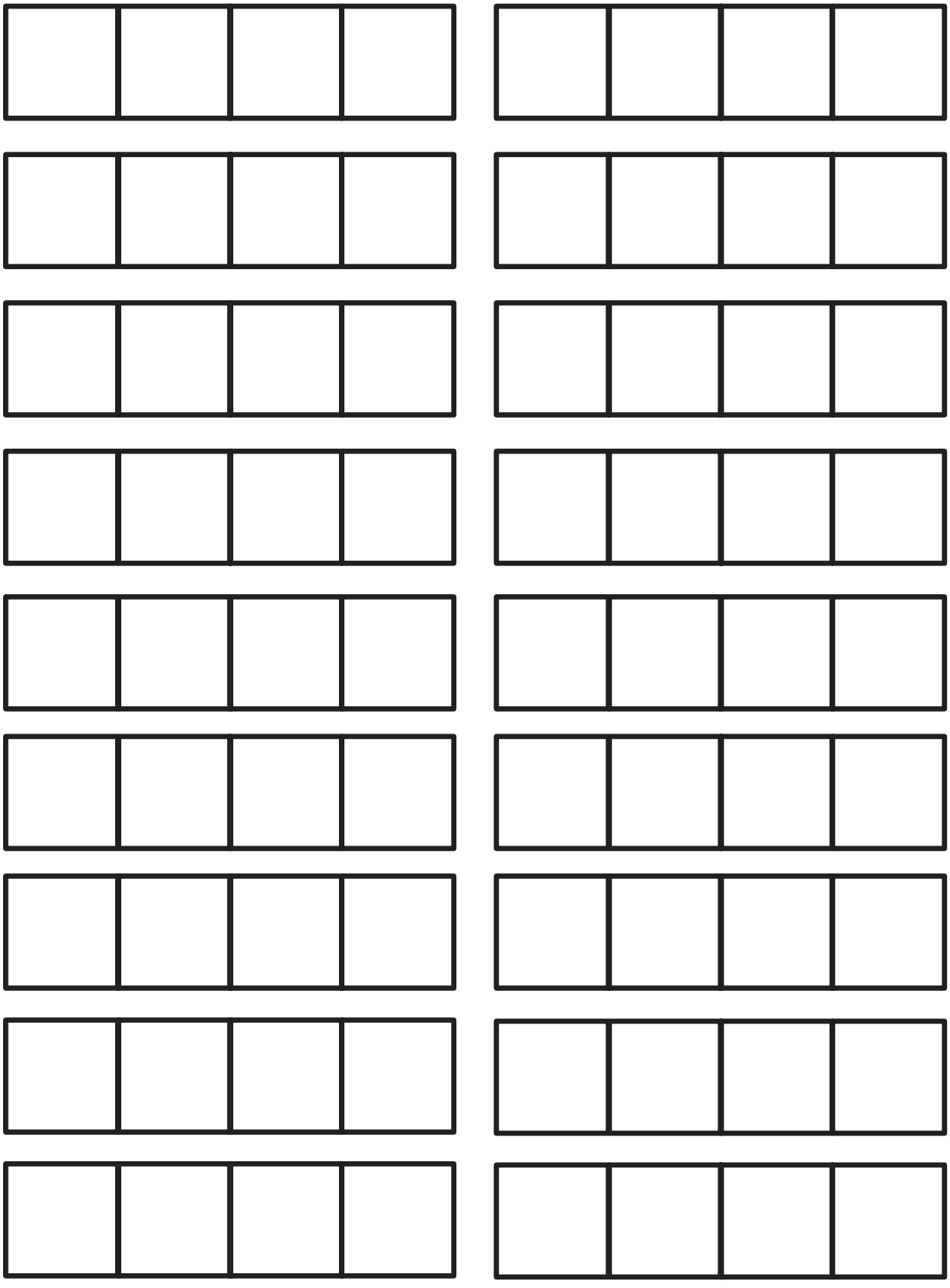

tetrominoes

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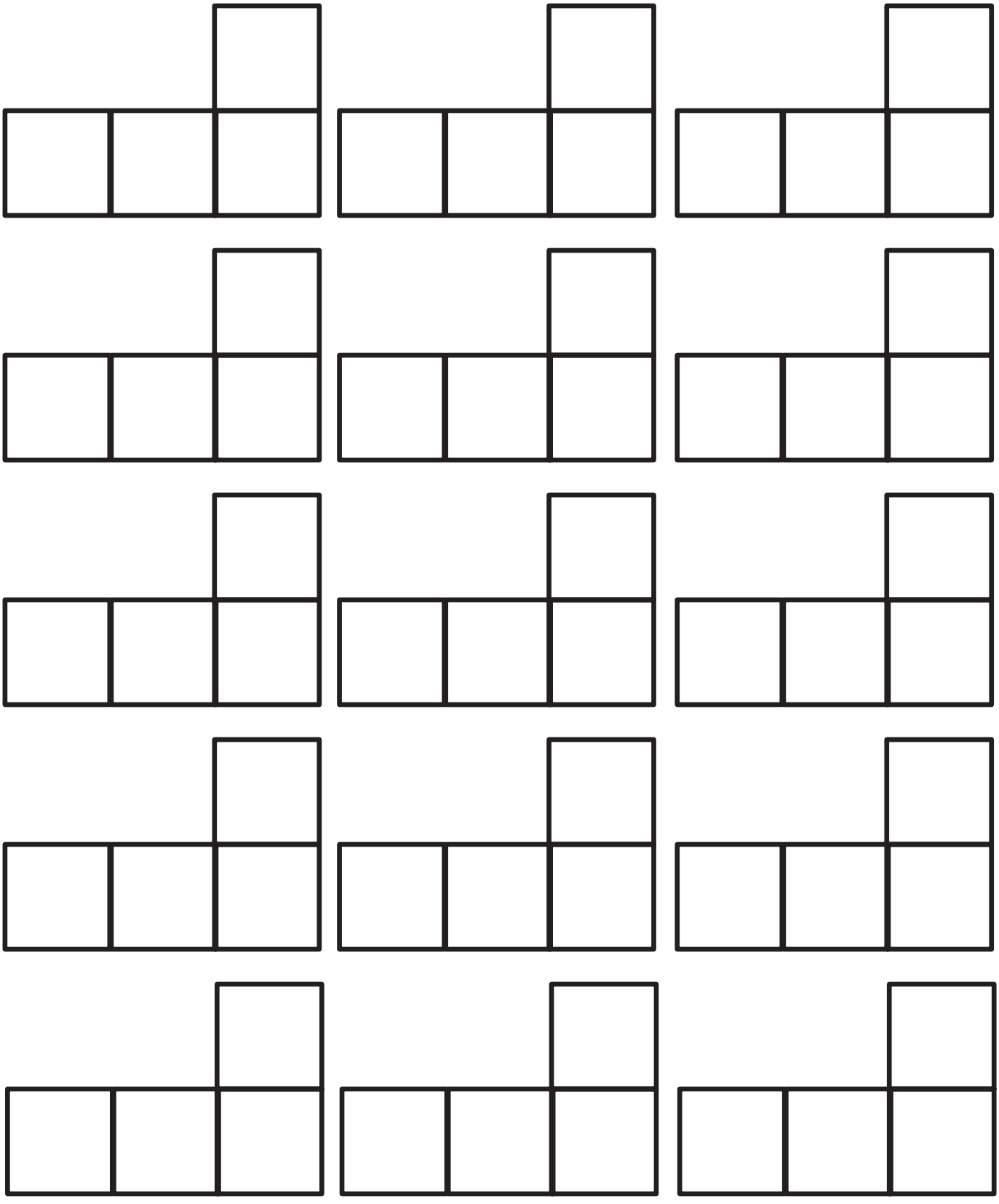

tetrominoes

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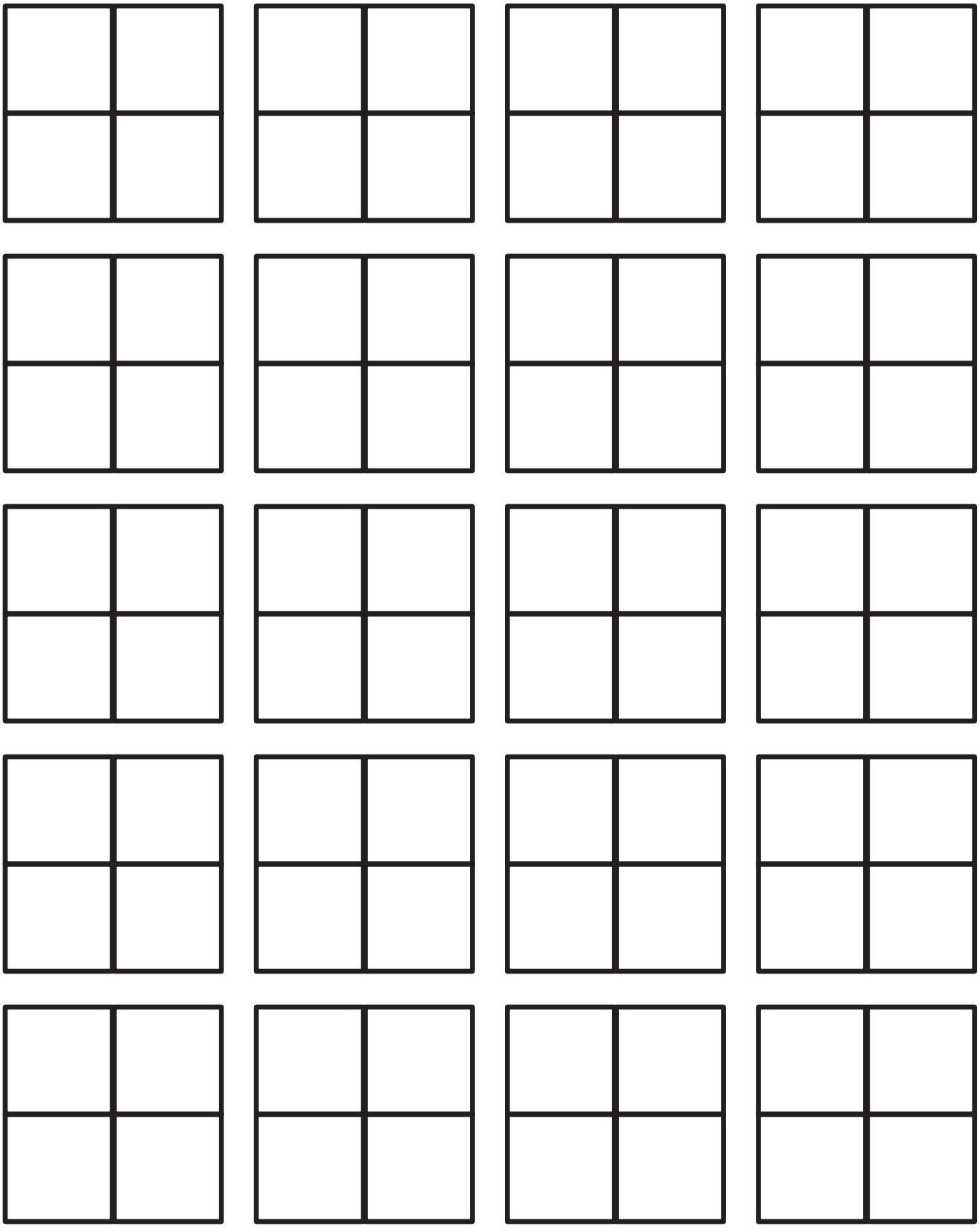

tetrominoes

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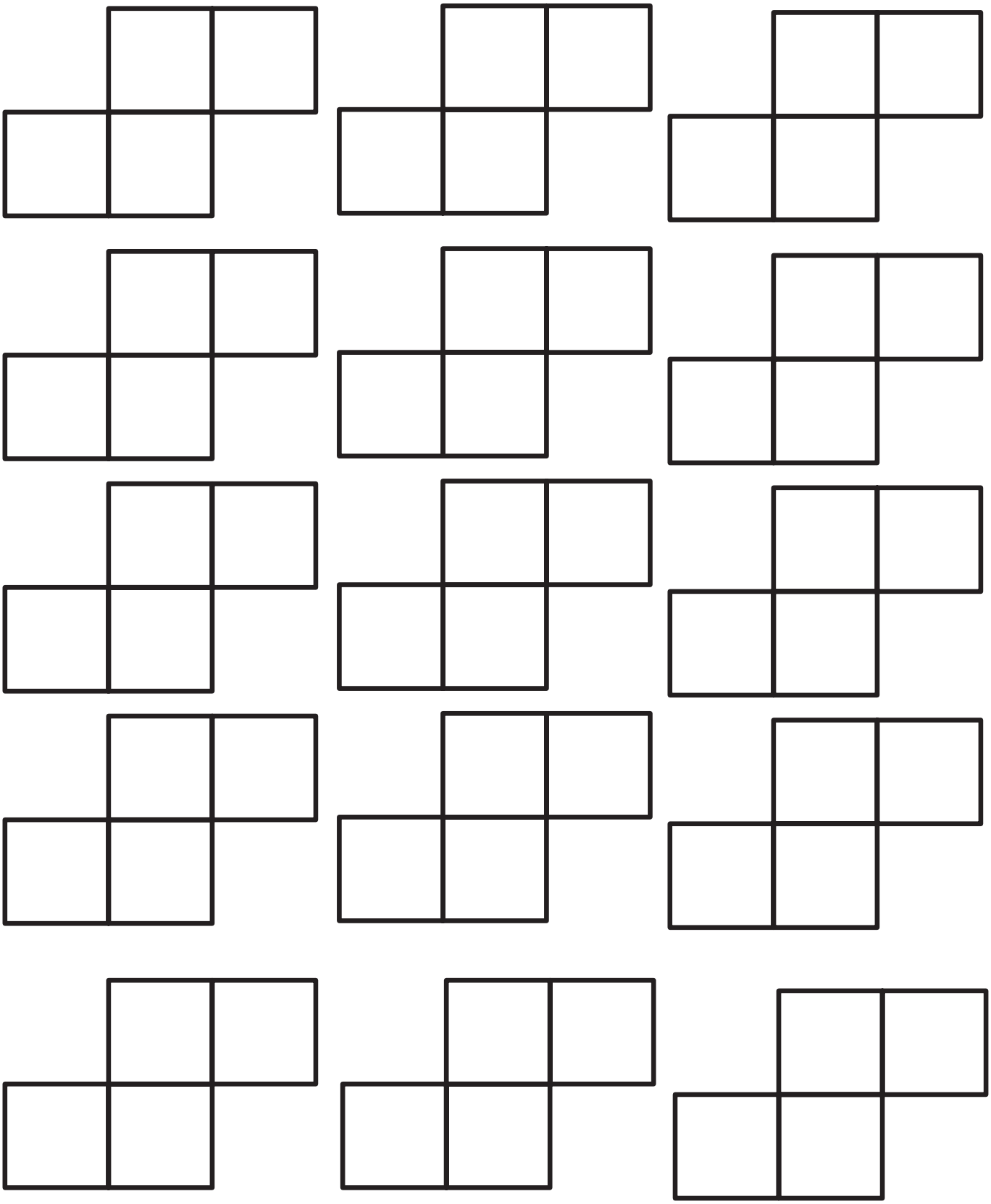

tetrominoes

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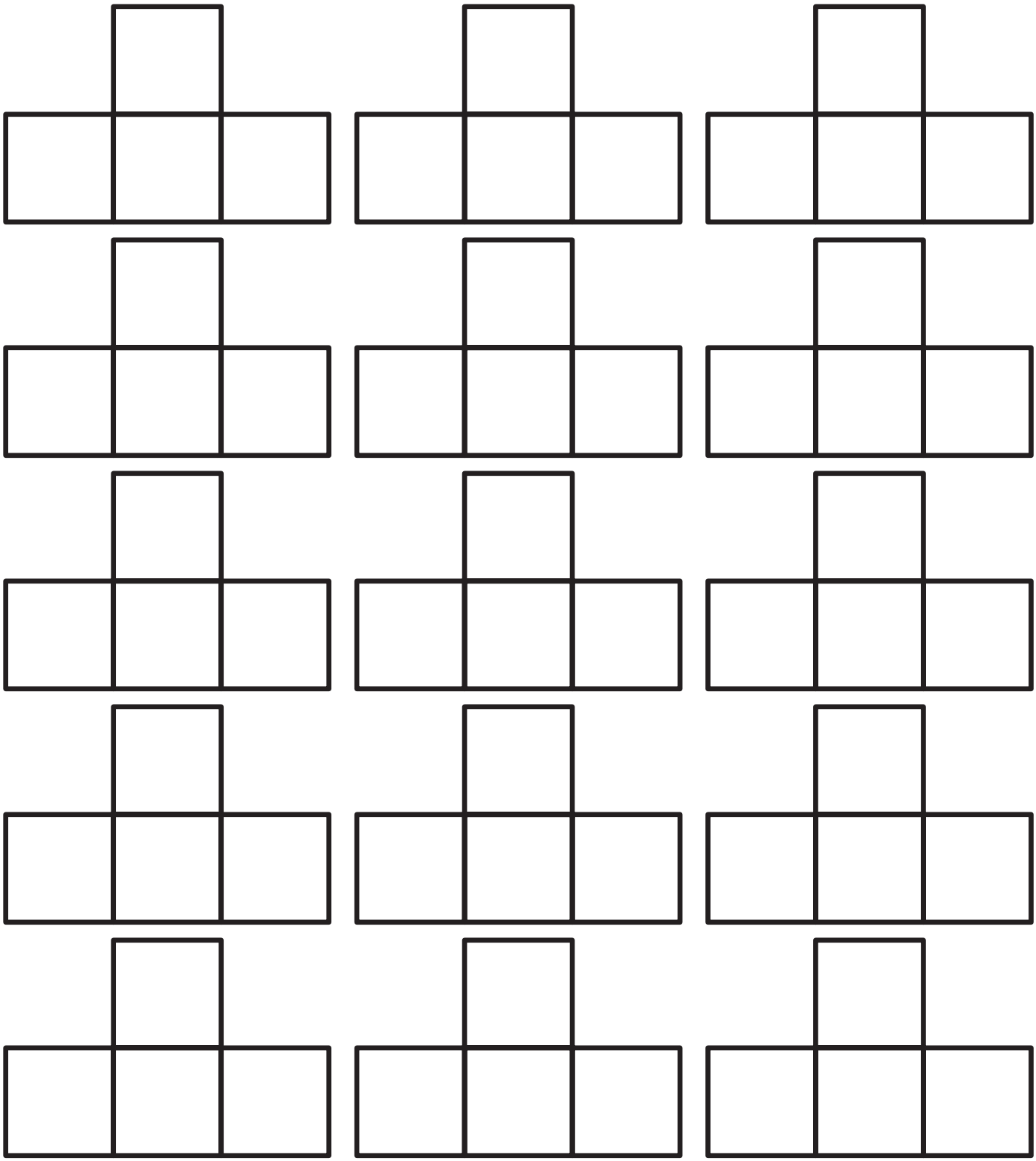

tetrominoes

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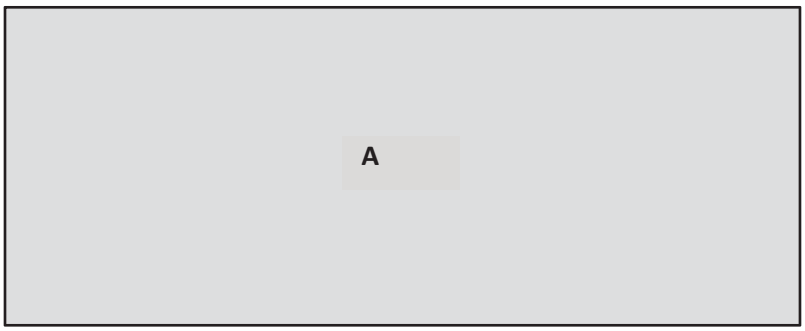

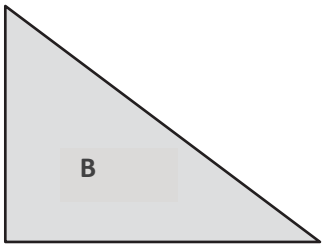

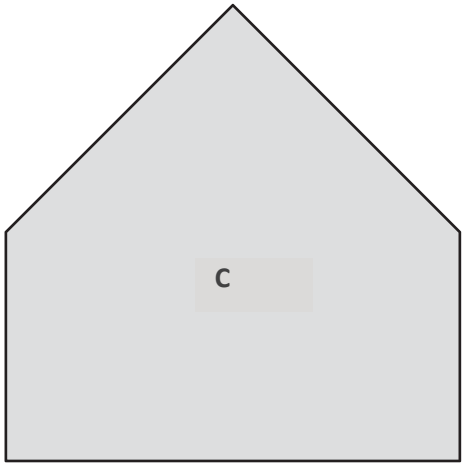

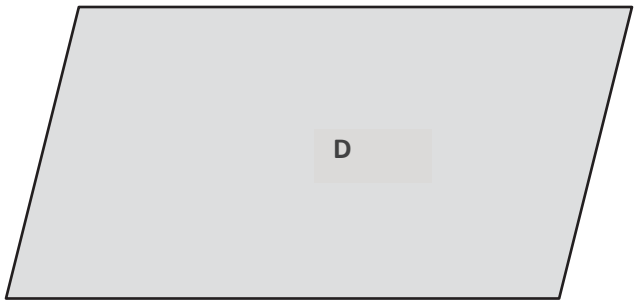

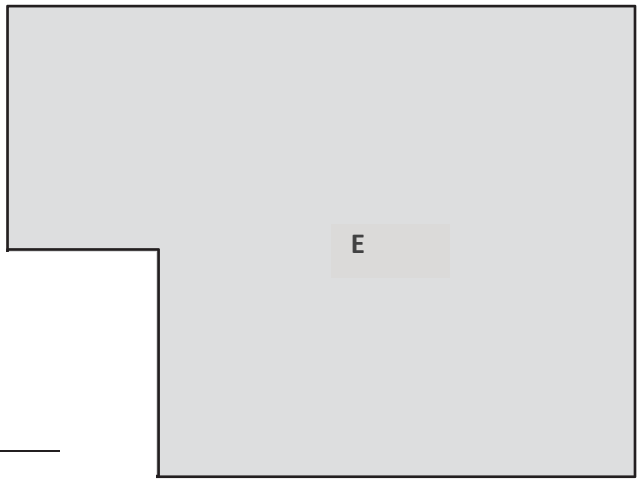

shapes

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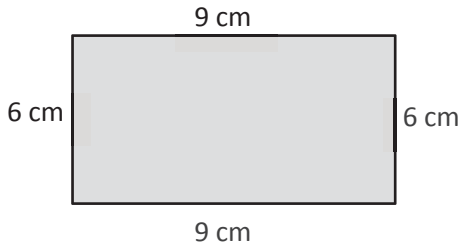
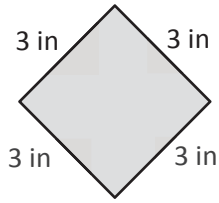
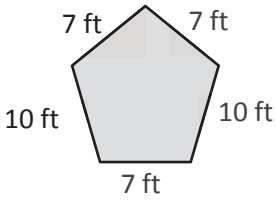
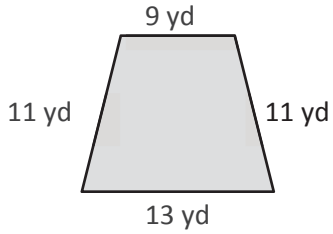
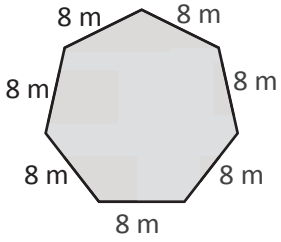
Note: Each template page must be copied separately for students to cut out the cards.

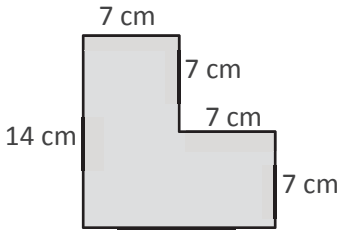


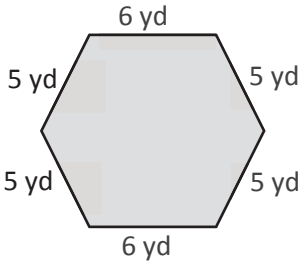


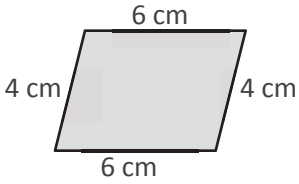


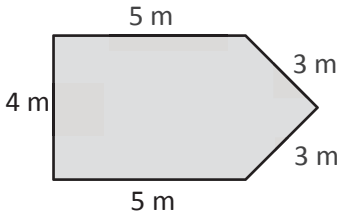


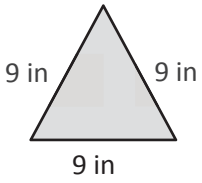












quiz-quiz-trade cards

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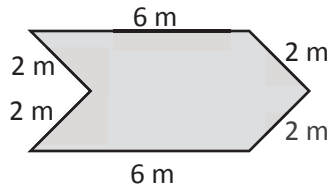	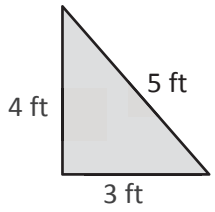
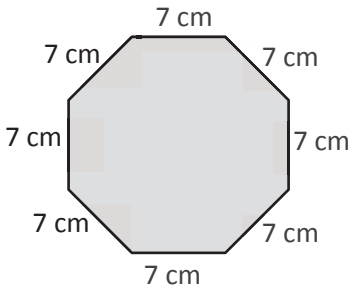	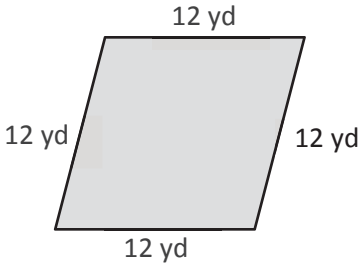
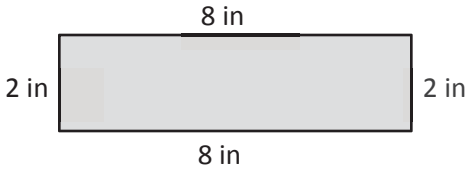	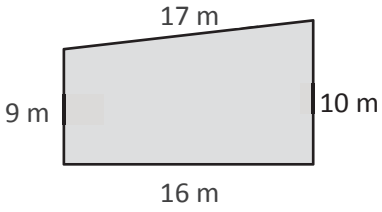
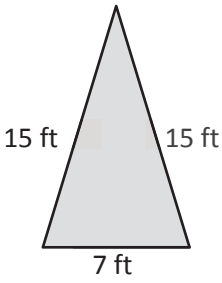	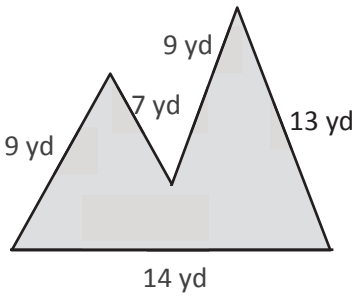
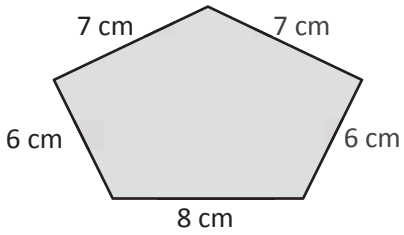	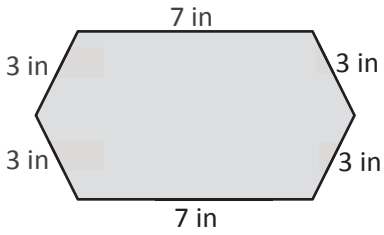

quiz-quiz-trade cards

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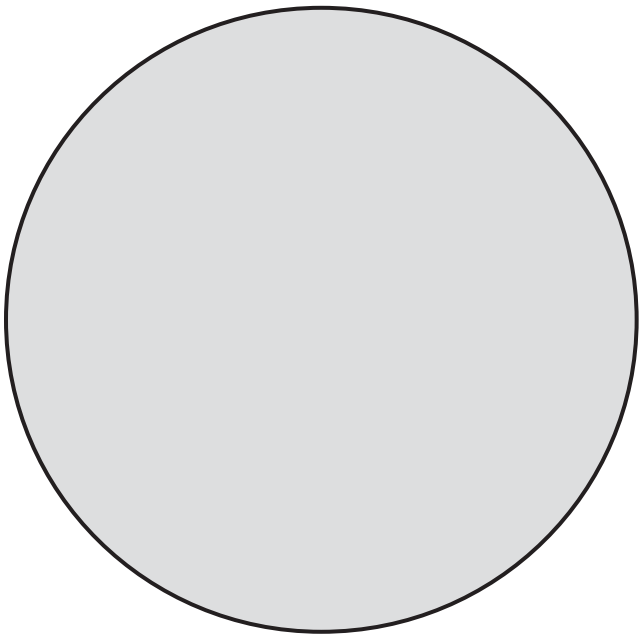

circles

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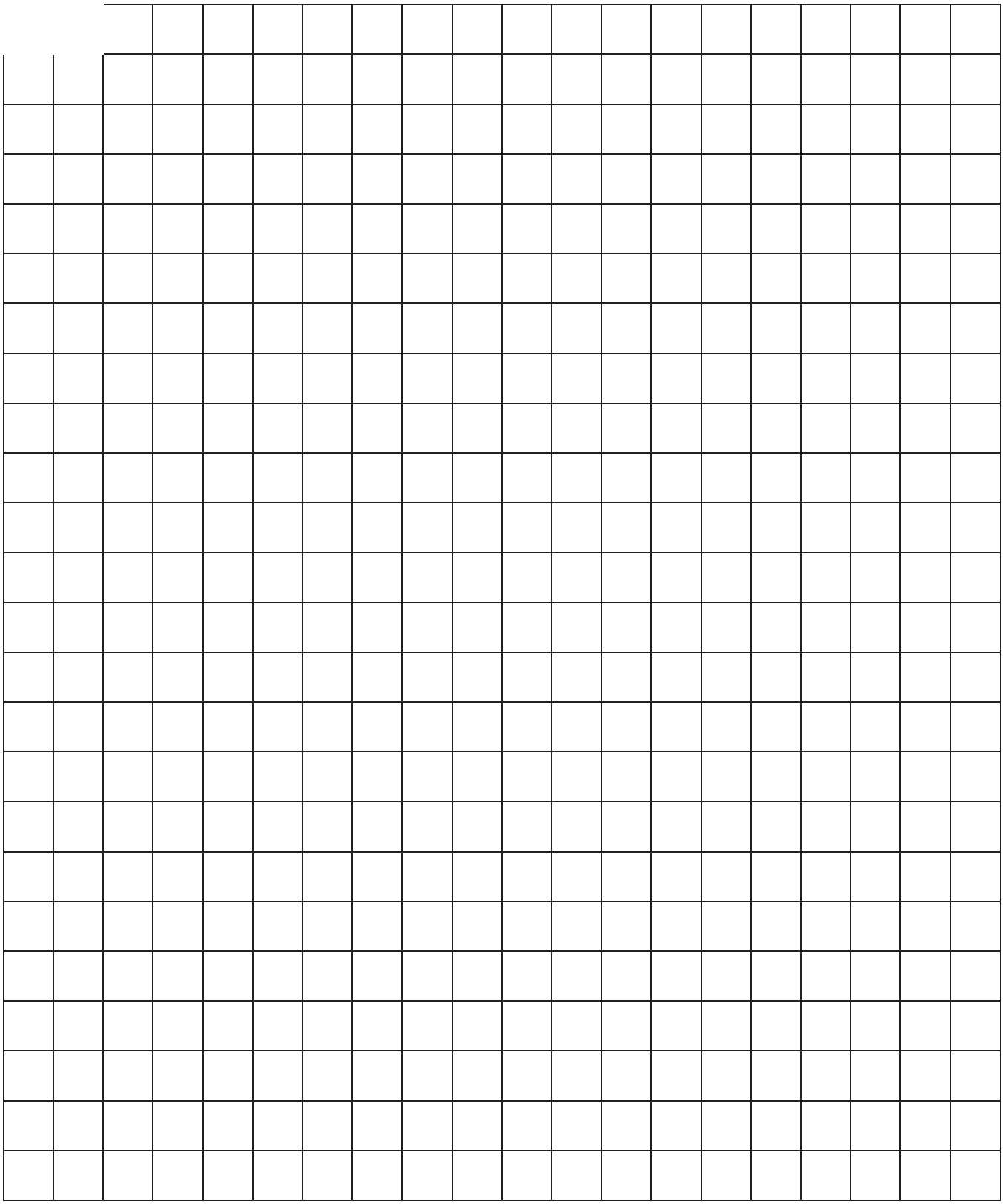

grid paper

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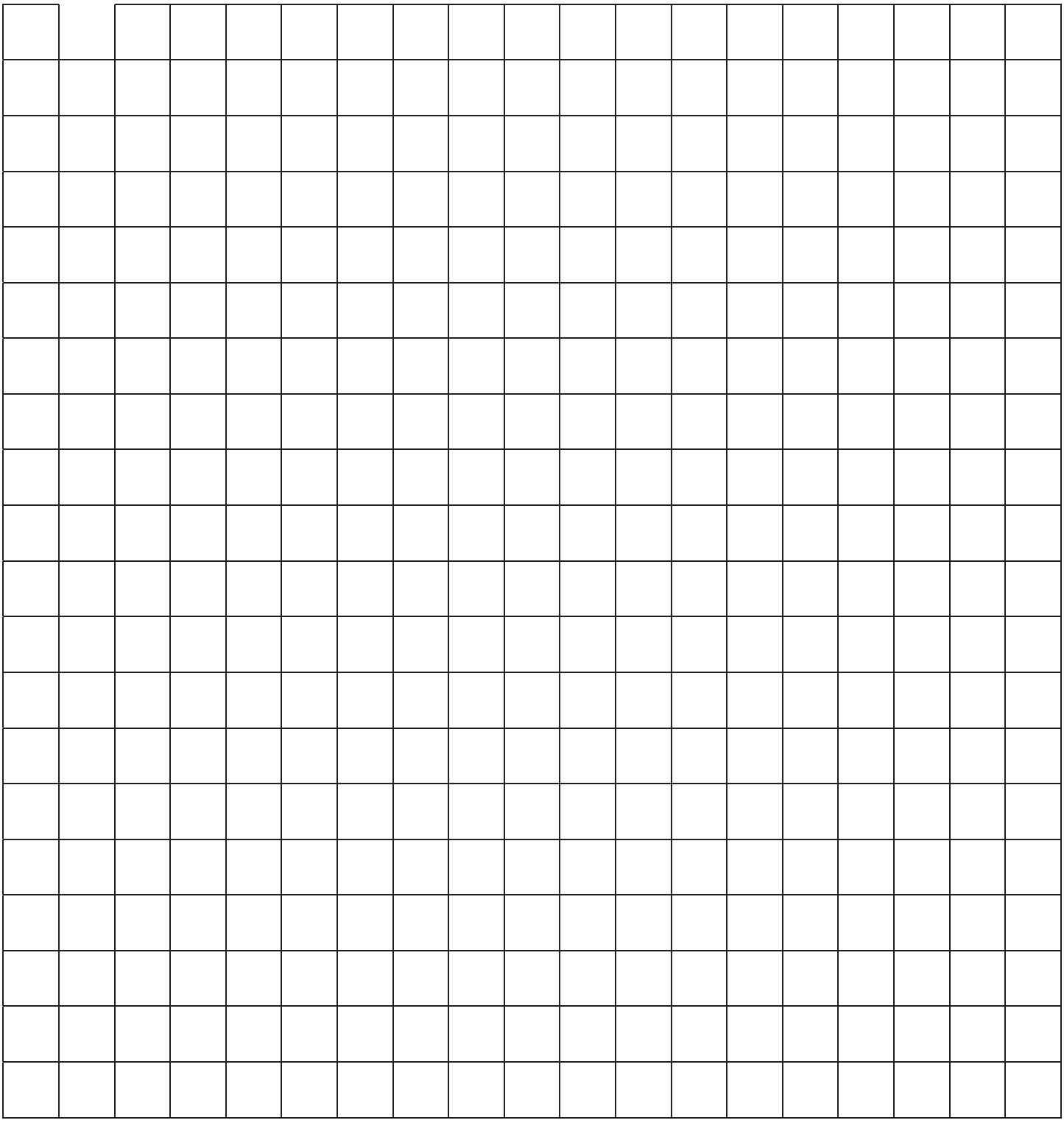

centimeter grid paper

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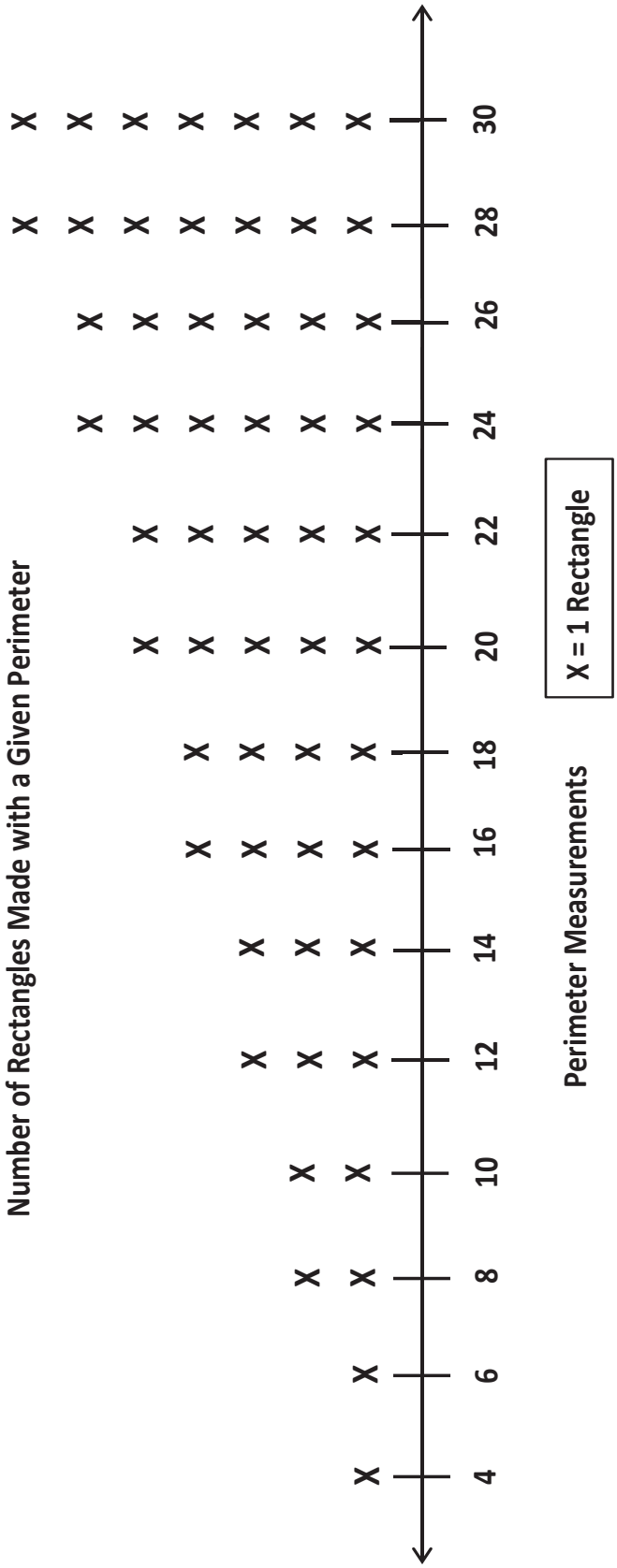

line plot

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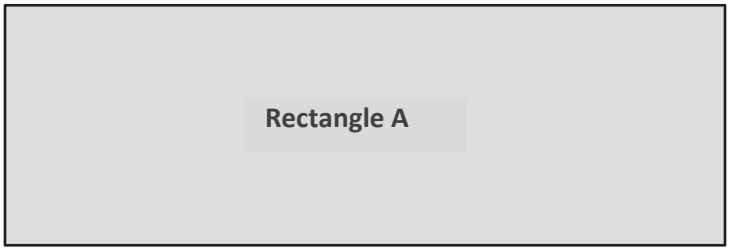

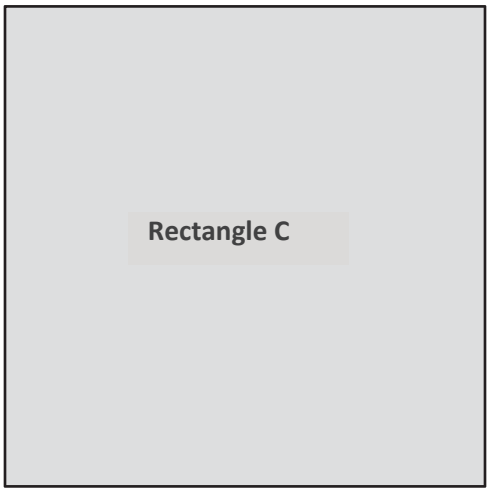

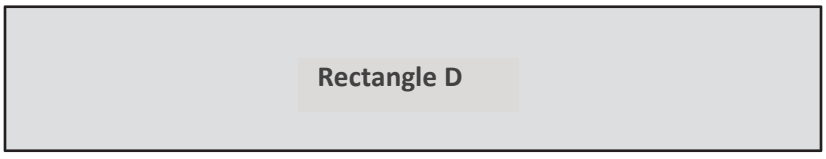

rectangles

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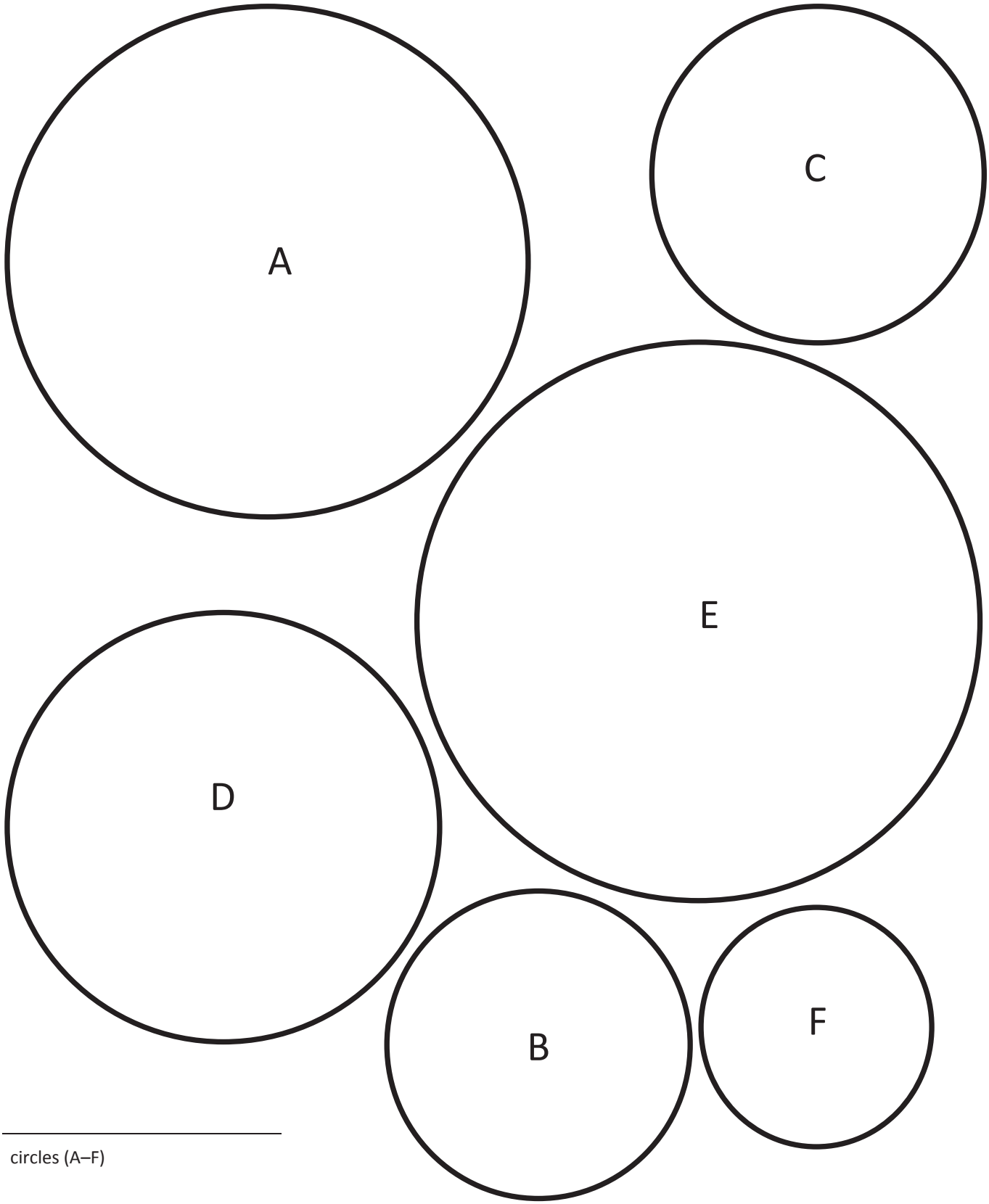
Note: Print on cardstock.



circles (A–F)

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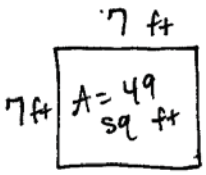
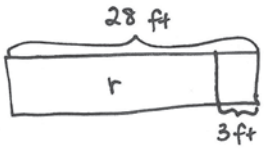
Student A



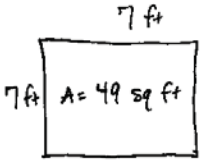
7 x 7 = 49

P = 7 ft + 7 ft + 7 ft + 7 ft
P = 4 x 7 ft
P = 28 ft

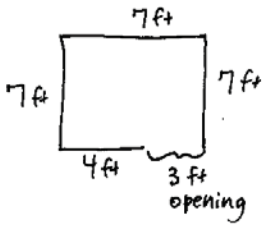


r = 28 - 3
r = 25
The total length of the rope is 25 feet.

Student B



___ x ___ = 49
7 x 7 = 49

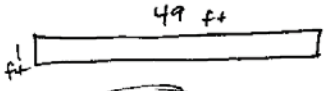


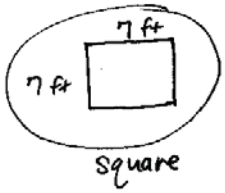
7 ft + 7 ft + 7 ft + 4 ft
3 sevens + 4 ft
21 ft + 4 ft
25 ft

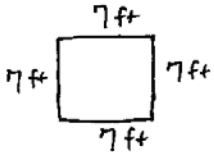
The length of the rope is 25 ft.

Student C

Area = 49 sq ft
Possible rectangles:







P = 4 x 7 ft
P = 28 ft

28 ft - 3 ft = 25 ft
The length of the rope is 25 ft.

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student work sample images

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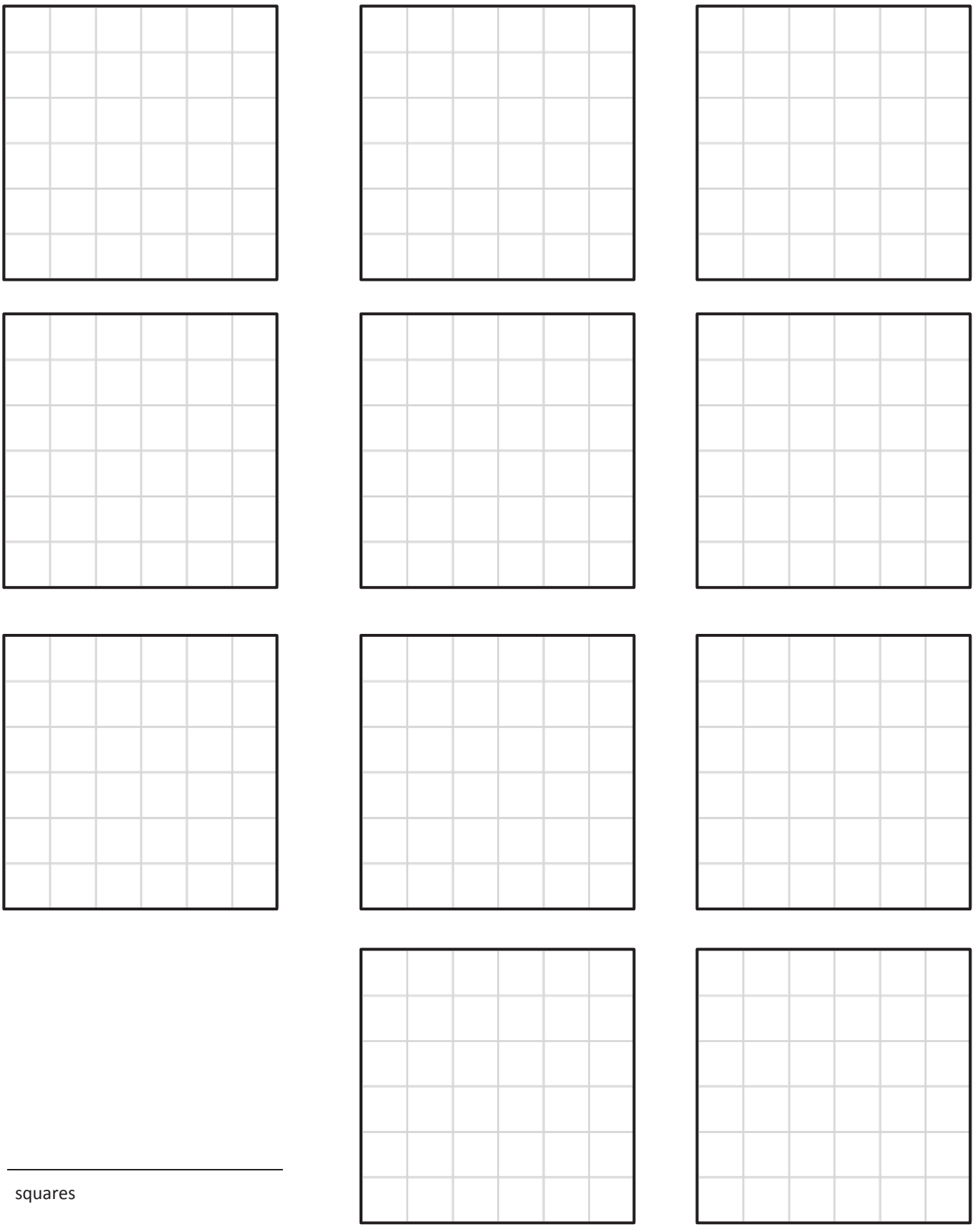

squares

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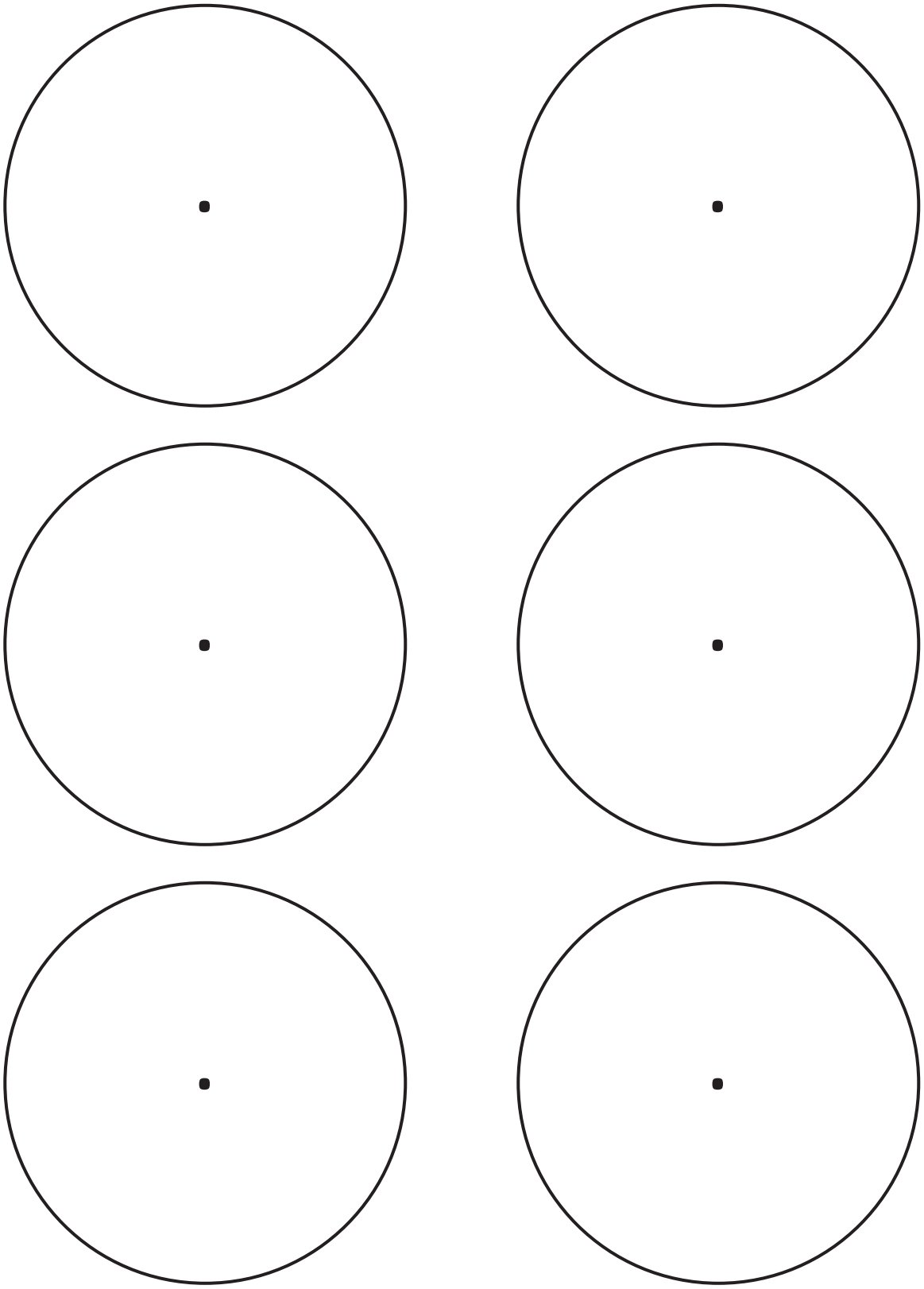

circles with dots

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Name _____ Date _____

Complete a math activity each day. To track your progress, color the box after you finish.

Summer Math Review: Weeks 1–5

	Monday	Tuesday	Wednesday	Thursday	Friday
Week 1	Do jumping jacks as you count by twos from 2 to 20 and back.	Play a game from your Summer Practice booklet.	Use your tangram pieces to make a picture of your summer break.	Time how long it takes you to do a specific chore, like making the bed. See if you can do it faster the next day.	Complete a Sprint.
Week 2	Do squats as you count by threes from 3 to 30 and back.	Play a game from your Summer Practice booklet.	Collect data about your family's or friends' favorite type of music. Show it on a bar graph. What did you discover from your graph?	Read a recipe. What fractions does the recipe use?	Complete a Multiply-By Pattern Sheet.
Week 3	Hop on one foot as you count by fours from 4 to 40 and back.	Create a multiplication and/or division math game. Then, play the game with a partner.	Measure the widths of different leaves from the same tree to the nearest quarter inch. Then, draw a line plot of your data. Do you notice a pattern?	Read the weight in grams of different food items in your kitchen. Round the weights to the nearest 10 or 100 grams.	Complete a Sprint.
Week 4	Bounce a ball as you count by 5 minutes to 1 hour and then to the half hour and quarter hours.	Find, draw, and/or create different objects to show one-fourth.	Go on a shape scavenger hunt. Find as many quadrilaterals in your neighborhood or house as you can.	Find the sum and difference of 453 mL and 379 mL.	Complete a Multiply-By Pattern Sheet.
Week 5	Do arm swings as you count by sixes from 6 to 60 and back.	Draw and label a floor plan of your house.	Measure the perimeter of the room where you sleep in inches. Then, calculate the area.	Use a stopwatch to measure how fast you can run 50 meters. Do it 3 times. What was your fastest time?	Complete a Sprint.

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Name _____ Date _____

Complete a math activity each day. To track your progress, color the box after you finish.

Summer Math Review: Weeks 6–10

	Monday	Tuesday	Wednesday	Thursday	Friday
Week 6	Alternate counting with a friend or family member by sevens from 7 to 70 and back.	Play a game from your Summer Practice booklet.	Write a story problem for 7 × 6.	Solve 15 × 4. Draw a model to show your thinking.	Complete a Multiply-By Pattern Sheet.
Week 7	Jump forward and back as you count by eights from 8 to 80 and back.	Play a game from your Summer Practice booklet.	Use string to measure the perimeter of circular items in your house to the nearest quarter inch.	Build a 4 by 6 array with objects from your house. Write 2 multiplication and 2 division sentences for your array.	Complete a Sprint.
Week 8	Do arm crosses as you count by nines from 9 to 90 and back. Teach someone the nines finger trick.	Create a multiplication and/or division math game. Then, play the game with a partner.	Write a story problem for 72 ÷ 8.	Measure or find the capacity in milliliters of different liquids in your kitchen. Round each to the nearest 10 or 100 milliliters.	Complete a Multiply-By Pattern Sheet.
Week 9	Jump rope as you count up by tens from 280 to 370 and back down.	Find, draw, and/or create different objects to show one-third.	Go on a shape scavenger hunt. Find as many triangles and hexagons in your neighborhood as you can.	Measure the weight of different produce at the grocery store. What unit did you measure in? What are the lightest and heaviest objects you weighed?	Complete a Sprint.
Week 10	Count by sixes starting at 48. Count as high as you can in one minute.	Draw and label a floor plan of your dream tree house.	Find the perimeter of a different room in your house. How much smaller or larger is it compared to the perimeter of the room where you sleep?	Show someone your strategy to solve 8 × 16.	Complete a Multiply-By Pattern Sheet.

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