

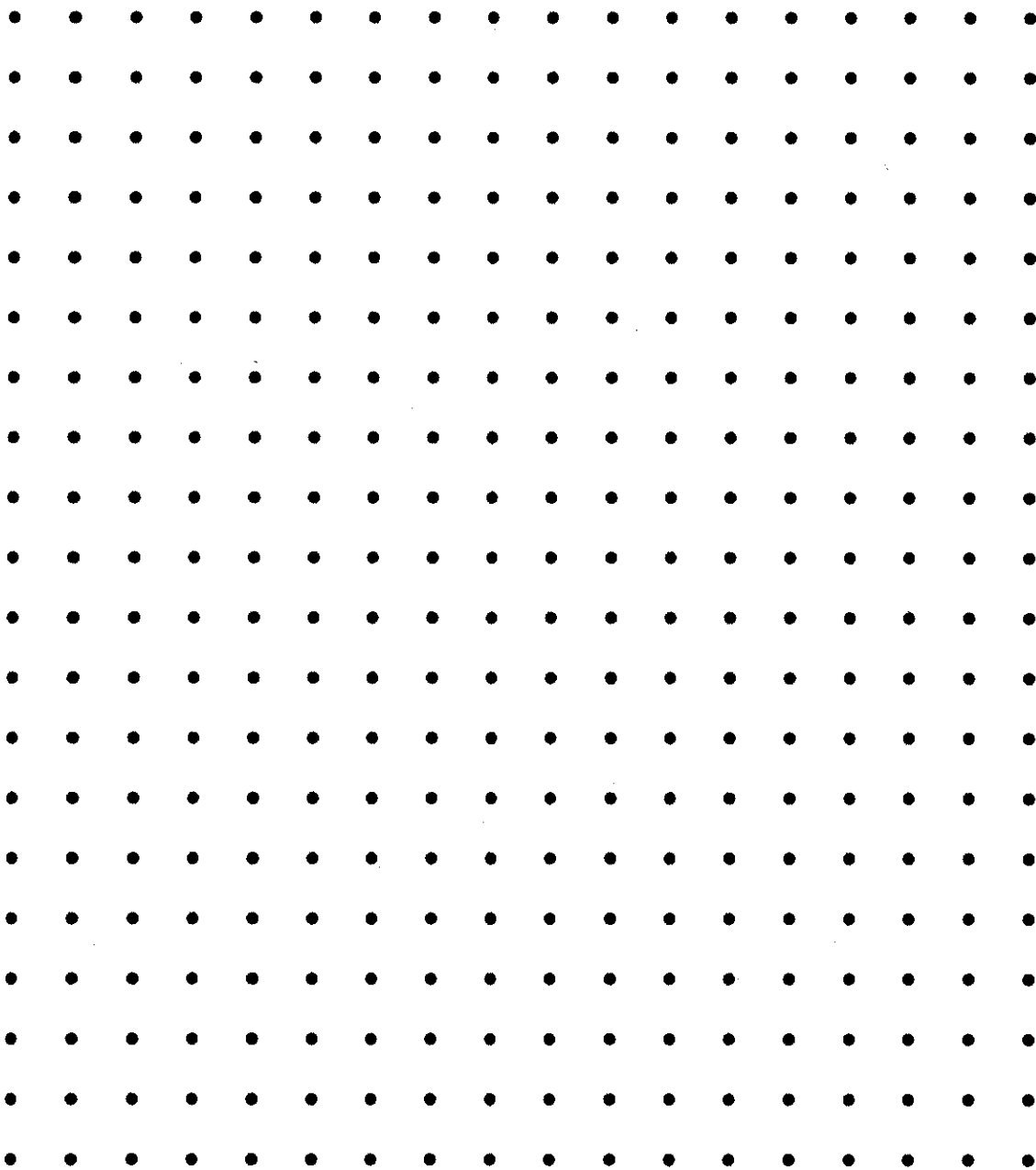


NAME _____

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Dot Paper: Triangles

Circle 3 different dots. Only 2 dots can be in the same row or column. Draw a triangle by connecting the dots. How many triangles can you draw?



How many triangles did you draw? _____

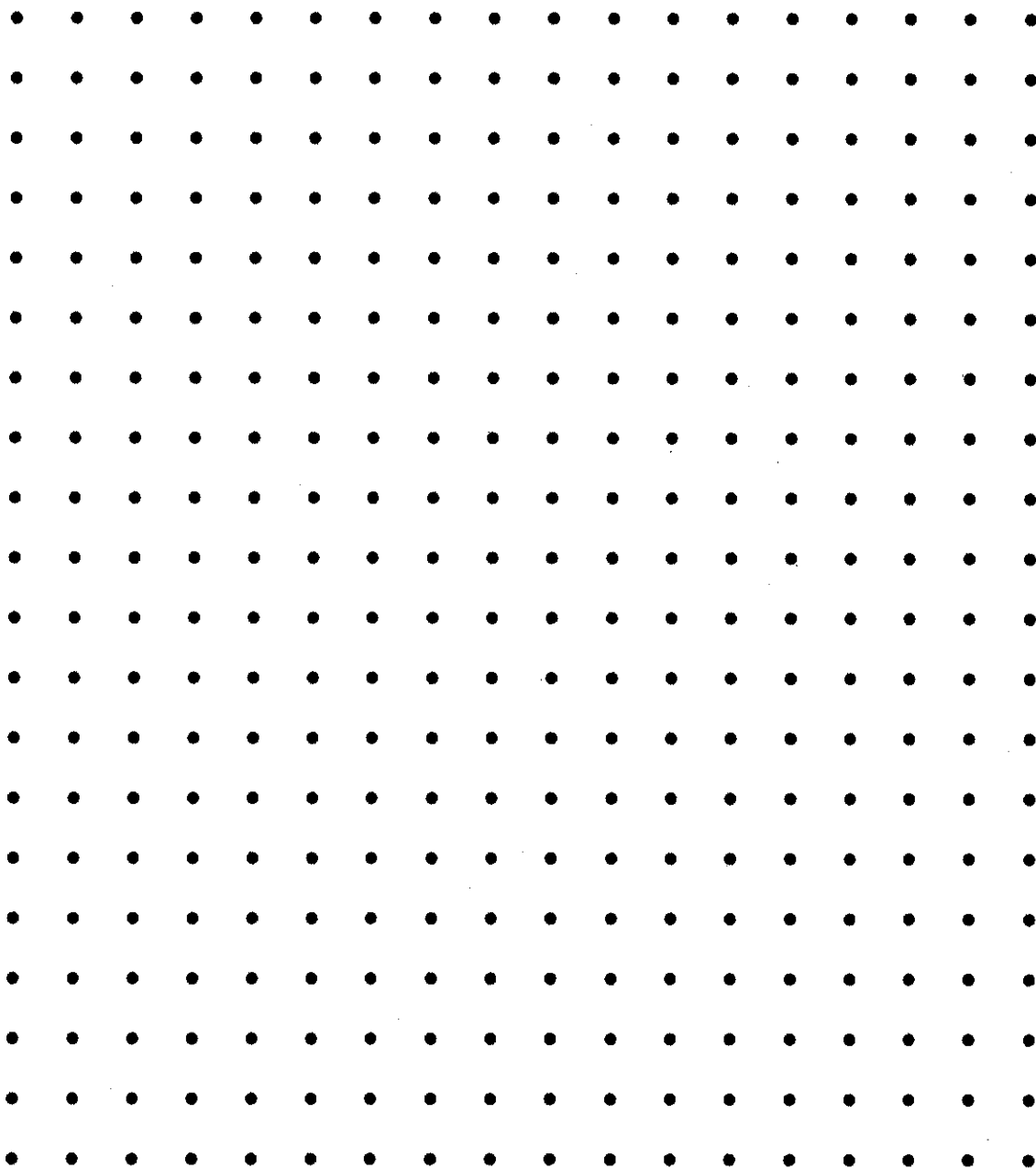


NAME _____

DATE _____

Dot Paper: Quadrilaterals

Circle 4 dots. Only 2 dots can be in the same row or column. Draw a quadrilateral by connecting the dots. How many can you draw?



How many quadrilaterals did you draw? _____

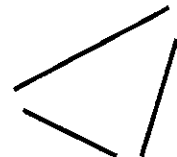
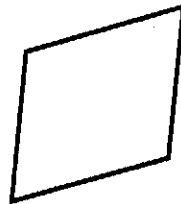
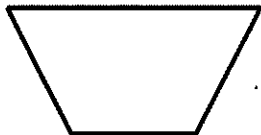
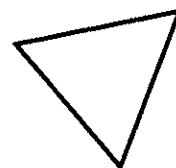
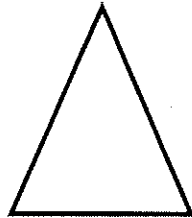
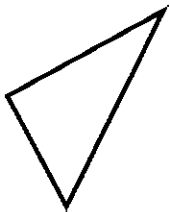
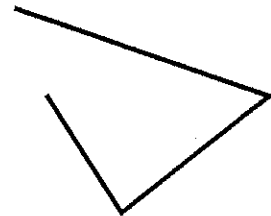
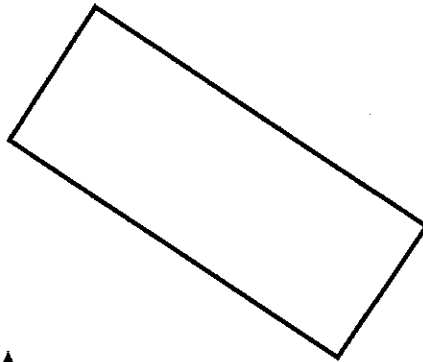
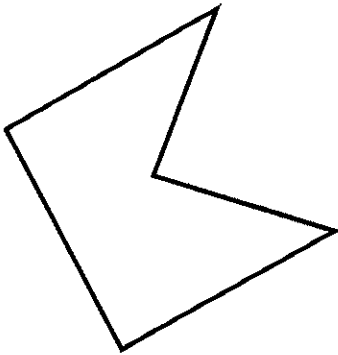
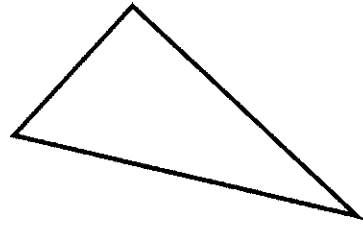
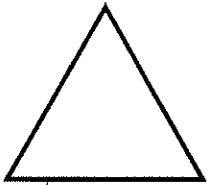


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Find the Triangles

Color the triangles blue.



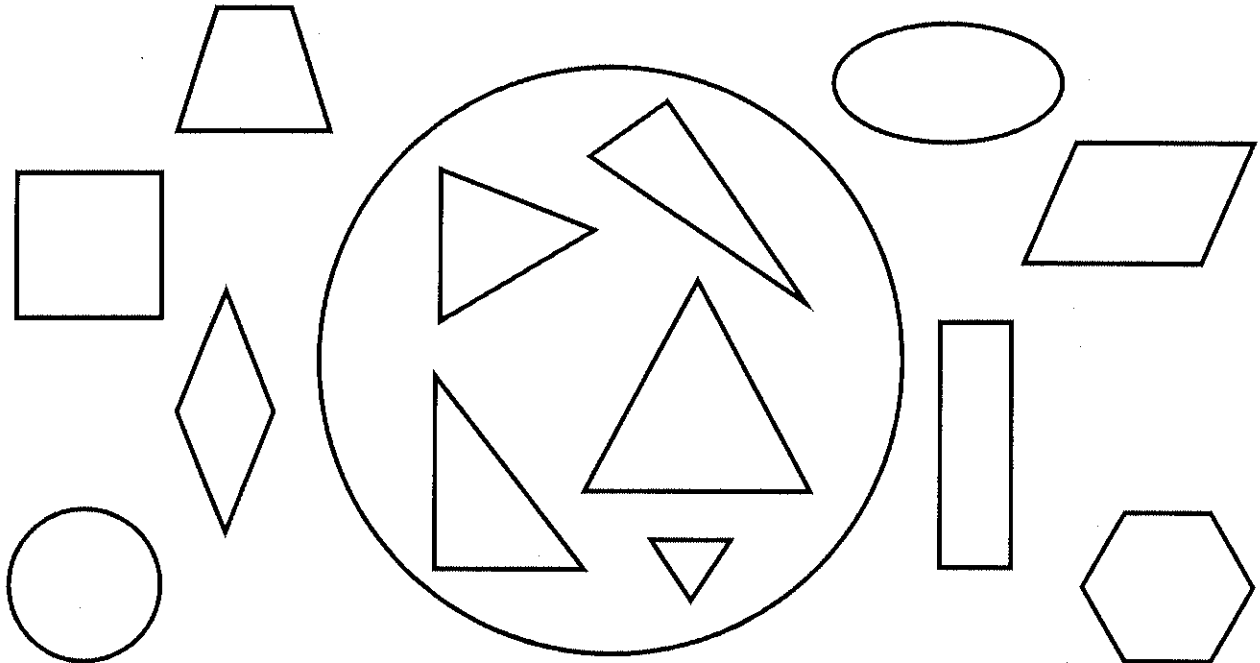


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Find the Rule

What do all of the shapes in the circle have in common?



- 1 What's the rule? _____

- 2 Draw 1 shape that fits the rule.
- 3 Draw 1 shape that does **not** fit the rule.



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Pencils and Crayons

Solve the problem. Show your work.

I have 8 things to write with on my desk.
Some are pencils. Some are crayons.
How many of each could I have?
How many pencils? How many crayons?





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Dogs and Cats

Solve the problem. Show your work.

There are 10 animals.

Some are dogs. Some are cats.

How many of each could there be?

How many dogs? How many cats?





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How Many Flowers?

Solve the problem. Show your work.

I picked some flowers.
First I picked 2 tulips.
Then I picked 3 roses.
Then I picked 4 violets.
Then I picked 5 daisies.
Finally, I picked 6 sunflowers.
How many flowers did I pick?



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How Many Animals?

Solve the problem. Show your work.

Jill was cleaning her room.

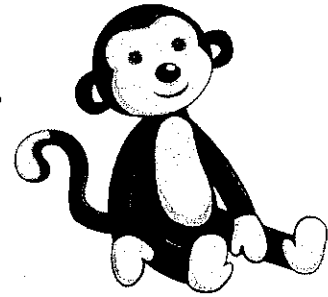
She put her stuffed animals on her bed.

She put 2 monkeys on her bed.

Then she put 1 giraffe on her bed.

Then she put 4 lions, 2 ducks,
and 8 dogs on her bed.

How many stuffed animals are on her bed?





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Missing Numbers Between 101 and 200

What are the missing numbers?
Write them on the chart.

101	102	103	104				108	109	110
111	112	113	114	115	116	117	118	119	
	122	123	124	125	126	127	128	129	130
				135	136		138	139	140
	142	143	144	145	146			149	150
151	152	153	154		156		158	159	160
161			164	165	166	167		169	170
171	172	173	174	175	176	177		179	180
181	182	183	184	185	186	187			
		193	194	195	196	197	198	199	



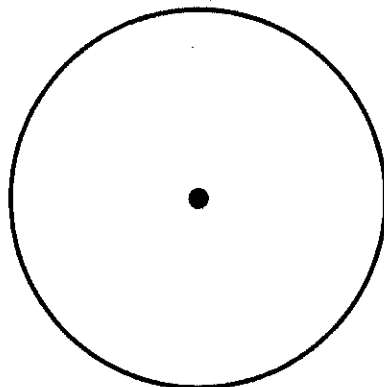
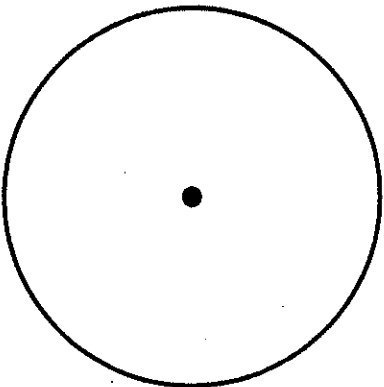
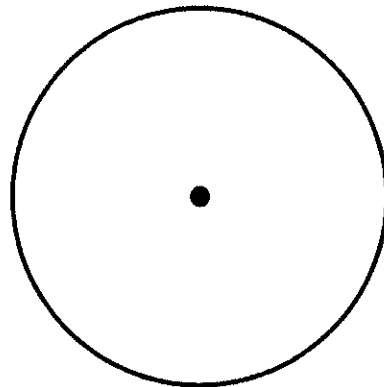
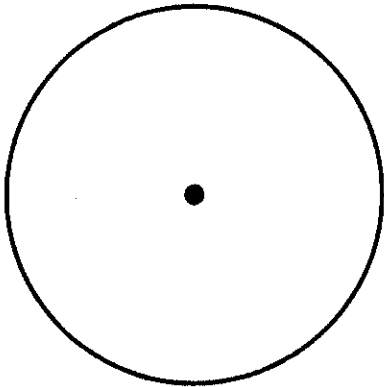
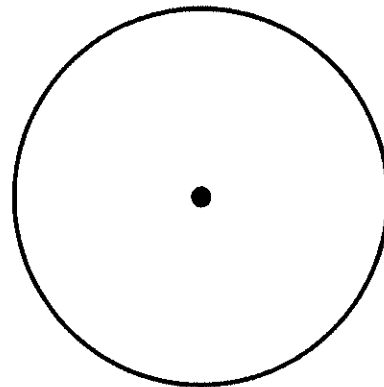
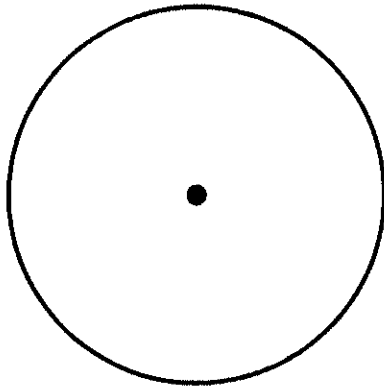
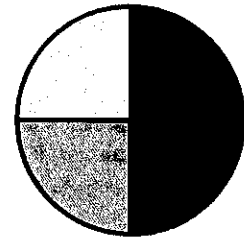
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Fraction Rugs: Blank Circles

Choose a rug to make.

Draw lines that cut the circles into fourths.
Choose 4 different colors to make a rug.





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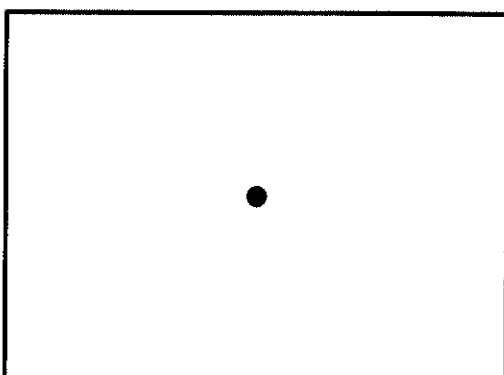
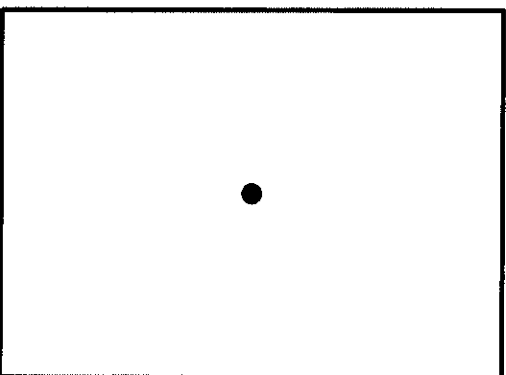
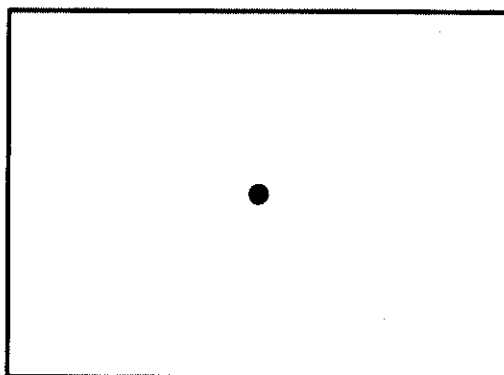
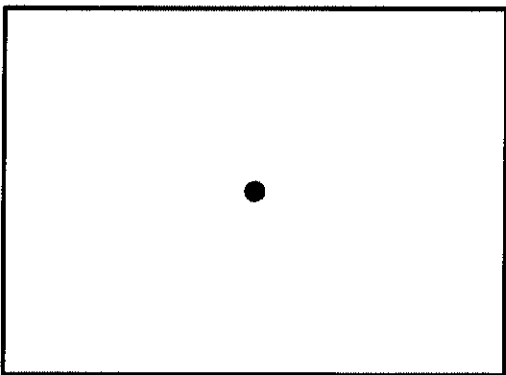
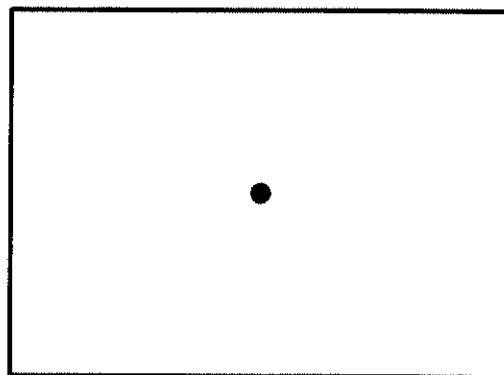
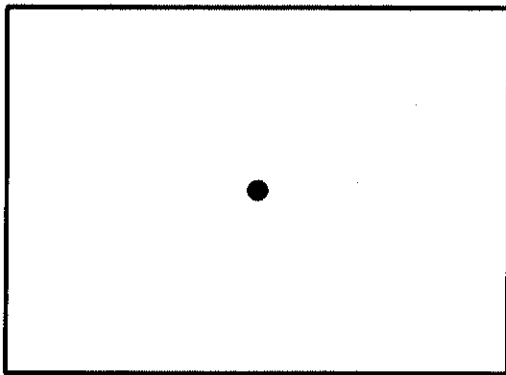
Fraction Rugs: Blank Rectangles

Choose a rug to make.



Draw lines to make fourths.

Choose 4 different colors to make a rug.





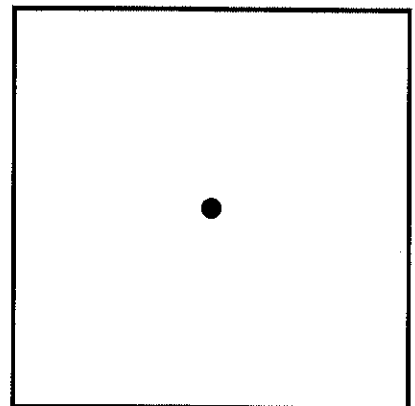
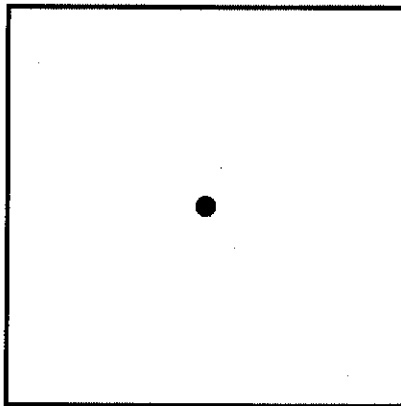
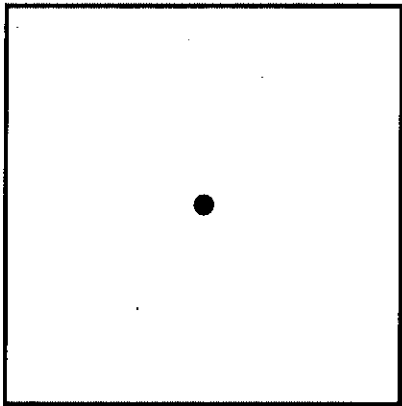
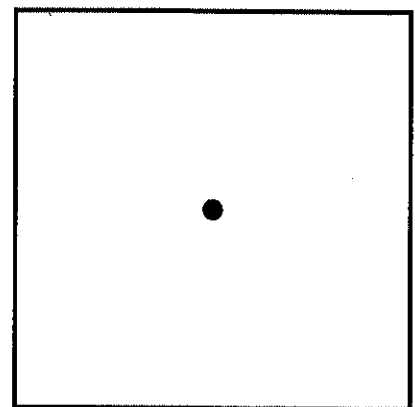
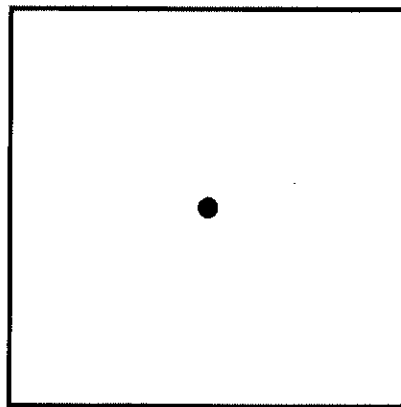
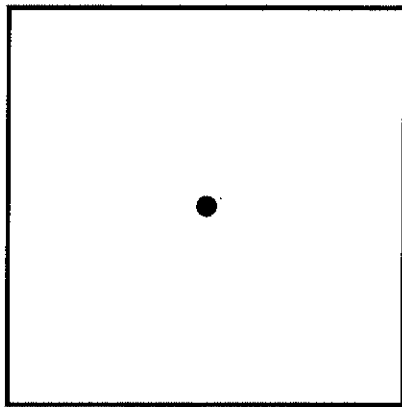
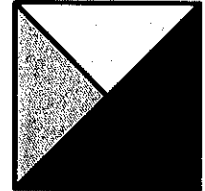
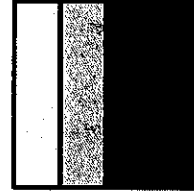
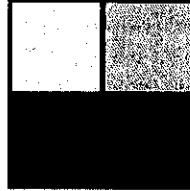
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Fraction Rugs: Blank Squares

Choose a rug to make.

Draw lines to make fourths.
Choose 4 different colors to
make a rug.



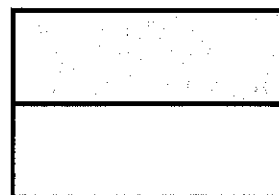
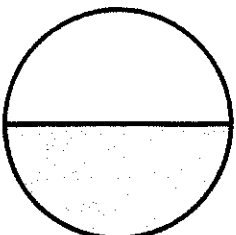
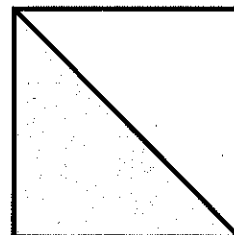
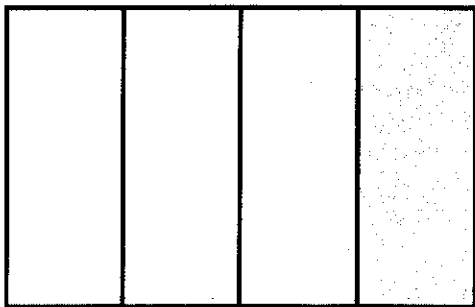
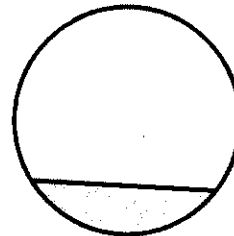
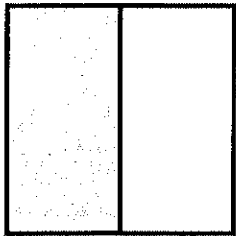
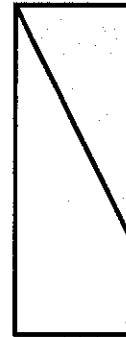
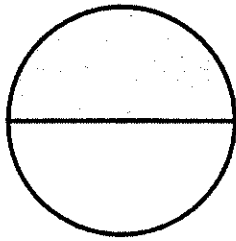


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Find the Half

Look at each shape. Circle the shapes that show halves. Draw an X on the shapes that do **not** show halves.





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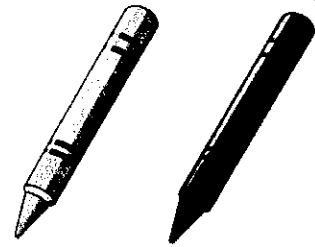
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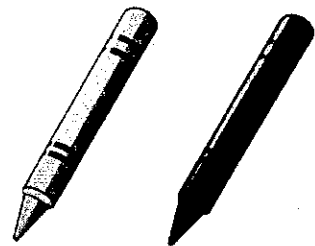
Challenging Crayon Puzzles

Solve the problems. Show your work.

- 1** I have 10 crayons.
Some are blue and some are red.
I have the **same** number of each color.
How many of each do I have?



- 2** I have 7 crayons.
Some are blue and some are red.
I have **more** blue crayons.
How many of each could I have?





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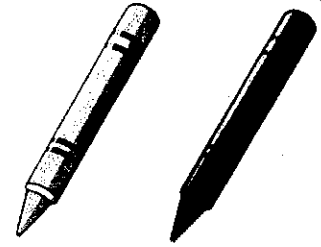
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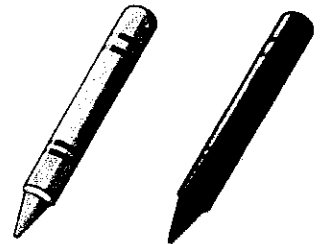
Challenging Crayon Puzzles

Solve the problems. Show your work.

- 3** I have 9 crayons.
Some are blue and some are red.
I have **more** red crayons.
How many of each could I have?



- 4** I have 12 crayons.
Some are blue and some are red.
I have **more** blue crayons.
How many of each could I have?





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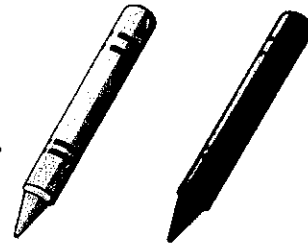
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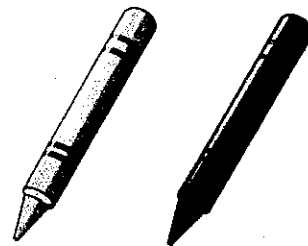
More Challenging Crayon Puzzles

Solve the problems. Show your work.

- 1 I have 14 crayons.
Some are red and some are blue.
I have the **same** number of each color.
How many of each do I have?



- 2 I have 13 crayons.
Some are blue and some are red.
I have **more** red crayons.
How many of each could I have?





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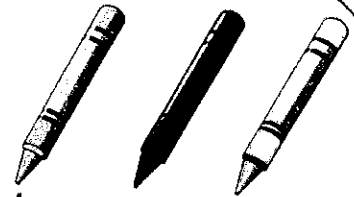
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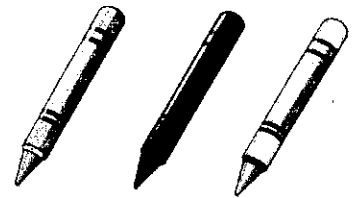
More Challenging Crayon Puzzles

Solve the problems. Show your work.

- 3** I have 9 crayons.
Some are red, some are blue,
and some are green.
I have the **same** number of each color.
How many of each do I have?



- 4** I have 12 crayons.
6 crayons are red.
The rest are blue and green.
I have the **same** number of blue
and green crayons.
How many crayons are blue?
How many crayons are green?


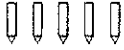

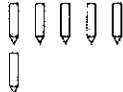
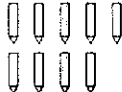






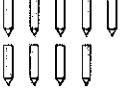
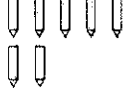
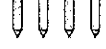


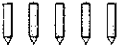





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Make 10 with Wild Cards

3 	5 	1 	6 	9 
2 	Wild Card	7 	3 	8 
6 	4 	9 	7 	4 
1 	8 	5 	Wild Card	2 

- 1 Find combinations of 2 numbers that make 10. Can you use *every* card? Record your combinations.
- 2 Find combinations of 3 numbers that make 10. How many combinations can you find? Record your combinations.



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Solving *Ten Plus* Problems

Solve each problem. Show your work.

1 What sum is the same as $6 + 8$?

$$6 + 8 = 10 + \underline{\hspace{2cm}}$$

2 What sum is the same as $4 + 6$?

$$4 + 6 = 10 + \underline{\hspace{2cm}}$$

3 What sum is the same as $9 + 8$?

$$9 + 8 = 10 + \underline{\hspace{2cm}}$$



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More Penny Jar Problems

Solve the problems. Show your work.

- 1** Kim had 6 pennies in her jar.
She added some more.
Then she had 11 pennies in her jar.
How many pennies did Kim add?



- 2** Sam had 13 pennies in his jar.
He took some out.
Then he had 8 pennies in his jar.
How many pennies did Sam take out?





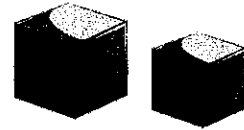
NAME _____

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Blocks and Books

Solve the problems. Show your work.

- 1** Kim had 8 blocks.
Max gave her some more blocks.
Then Kim had 12 blocks.
How many blocks did Max
give to Kim?



- 2** Rosa had 13 books.
She gave some to Sam.
Then Rosa had 5 books.
How many books did Rosa
give to Sam?





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True and False Equations

Circle the word to show whether the equation is true or false.

1 $4 + 2 = 6 - 1$ True False

2 $7 - 4 = 1 + 2$ True False

3 $6 + 4 = 7 + 3$ True False

Write the number that makes the equation true.

4 $10 - 2 = \underline{\hspace{2cm}} + 1$

5 $3 + \underline{\hspace{2cm}} = 4 + 5$

6 $10 - 3 = 4 + \underline{\hspace{2cm}}$






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Describing and Interpreting Data

Students used check marks to answer the following question: "Would you rather drink orange juice, apple juice, or grape juice?"

Orange Juice 	✓✓✓✓✓ ✓
Apple Juice 	✓✓✓✓✓ ✓✓✓✓
Grape Juice 	✓✓✓✓✓ ✓✓✓✓✓ ✓

1 How many students chose orange juice? _____

2 How many students chose apple juice? _____

3 How many students chose grape juice? _____

4 How many students responded? _____

How did you figure this out? _____

5 How many more students like grape juice than like apple juice? Show your work.



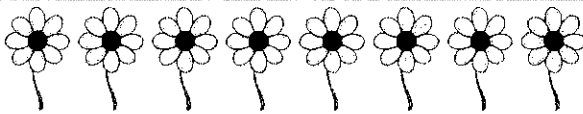
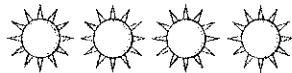


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Birthday Data in Four Categories

A teacher collected data about her students' birthdays. Here are the data.

Fall	
Winter	
Spring	
Summer	

1 How many students have birthdays in the fall? _____ winter? _____
spring? _____ summer? _____

2 How many students were surveyed? _____

How did you figure this out?

3 Which season has the most birthdays? _____

4 On a blank piece of paper, show another way to represent the data.



NAME _____

DATE _____

Toes on Sloths

Try these challenge problems.
Solve each problem. Show your work.

CHALLENGE

The three-toed sloth is an animal that has 4 feet.

This animal has 3 claws on each foot.



1 How many claws does 1 three-toed sloth have in all?

2 How many claws do 6 three-toed sloths have in all?



NAME _____

DATE _____

More Problems about Fingers

Solve each problem and show your work.

- 1 There are 11 people in a group.
Each person has 10 fingers.
How many fingers are there?



- 2 There are 120 fingers in a group.
Each person in the group has 10 fingers.
How many people are in the group?



NAME _____ DATE _____

More Problems about Fingers

- 3 Write and solve your own people and fingers problem.



NAME _____

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(PAGE 1 OF 2)

More Problems about Cubes

- 1 Kim has 12 towers of 10 cubes each.
How many cubes does Kim have?



- 2 Max has 110 cubes. How many towers of 10 cubes each can he make?



NAME

DATE

More Problems about Cubes

- 3 Write your own problem about cube towers of 10.



NAME _____

DATE _____

How Many Cubes? How Many Towers of 10?

Solve each problem. Show your work.

- 1** Rosa has 5 towers.
Each tower has 10 cubes.
How many cubes does Rosa have?

- 2** Sam has 30 cubes, in towers of 10.
How many towers of 10 does he have?



NAME _____

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Counting Cubes in *Roll Tens*

Use cubes and a mat to build what the students have on their mat. Solve each problem.

- 1** Sam has 3 rows of 10 cubes each and 2 extra cubes. Build them on a mat.
How many cubes does Sam have?



- 2** Mia has 4 rows of 10 cubes each and 6 extra cubes. Build them on a mat.
How many cubes does Mia have?



NAME _____

DATE _____

Three-in-a-Row on the 100 Chart with Wild Cards

- 1 Max has counters on 41 and 42. What numbers can Max cover to get 3 in a row? _____
These are his cards:

38	50	18
----	----	----

6

Wild Card

8

100 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
		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

What two numbers should Max add? Why?

- 2 Mia has counters on 27 and 29. What number can Mia cover to get 3 in a row? _____
These are her cards:

31	36	18
----	----	----

6

Wild Card

4

100 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		28		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

What two numbers should Mia add? Why?



NAME _____

DATE _____

Three-in-a-Row on the 100 Chart with Wild Cards

3 Sam has counters on 36 and 37.

What numbers can Sam cover to get 3 in a row? _____

These are his cards:

29

39

45

2
●●●

Wild Card

8
●●●●●
●●●●●

100 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	●	●	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

What two numbers should Sam add?
Why?

Does Sam have more than one possible choice? What are his choices?



NAME _____

DATE _____

Three-in-a-Row on the 100 Chart with Wild Cards

- 4 Mia has counters on 48, 49, and 58.

What numbers can Mia cover to get 3 in a row? _____

These are her cards:

44	59	65	4 	Wild Card	10
----	----	----	-------	-----------	--------

100 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			50
51	52	53	54	55	56	57		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

What two numbers should Mia add? Why?

Does Mia have more than one possible choice? What are her choices?
