Fairfield Public Schools
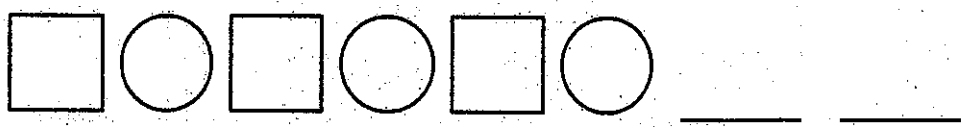
SUMMER

Math Packet

For

Students Entering First Grade

16 39
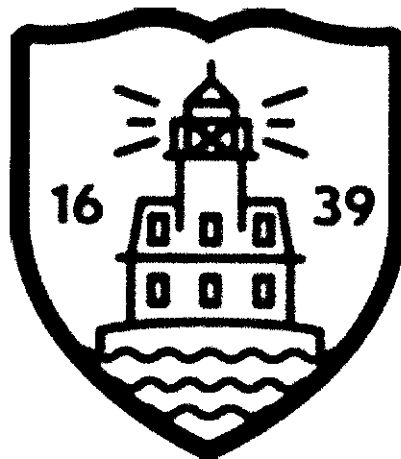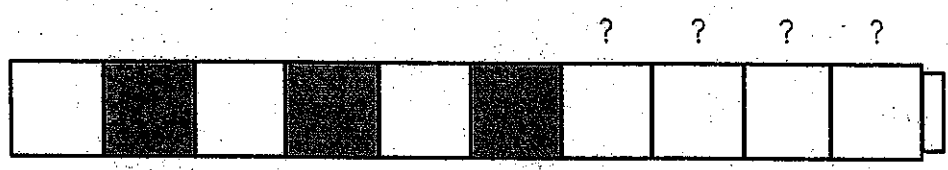
NAME _____ DATE _____

Patterns What Comes Next?

1 Draw or color what you think comes next in the pattern.

☐ ◯ ☐ ◯ ☐ ◯ ___ ___

☐ ☐ ◯ ☐ ☐ ◯ ___ ___ ___ ___

△ ☐ △ ☐ △ ☐ ___ ___

2 Fill in the numbers that are missing.

1 ____ **3 4 5** ____ **7 8** ____ **10**

NAME _____   DATE _____

Triangles, Squares & Rectangles How Many Sides?

1 Trace the numbers.
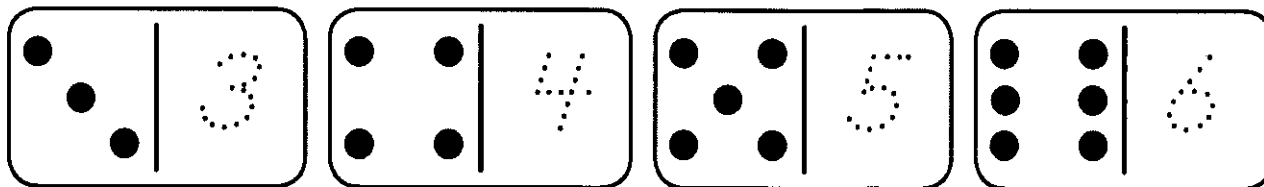
2 Count and record the number of sides on each shape. You can add an arrow on each side if it helps.

Triangle How many sides?	Triangle How many sides?
Rectangle How many sides?	Square How many sides?
Triangle How many sides?	Rectangle How many sides?
Square How many sides?	**CHALLENGE** Hexagon How many sides?

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NAME

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How Many? Sheet 1

Use the numbers and the dominoes to help solve the problems below.

1 Count the bugs and record the number.

NAME

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Tallying How Many Sticks?

Use the numbers and dominoes to help solve the problems below.

0	1	2	3	4	5	6	7	8	9	10

1 Count the number of sticks and record the number.
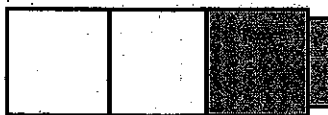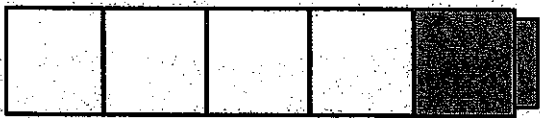
NAME _____   DATE _____
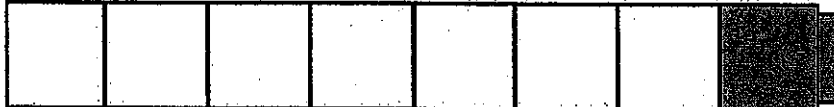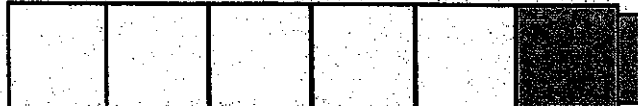
Adding One More

Use the numbers to help solve the problems below.

<div align="center">

0   1   2   3   4   5   6   7   8   9   10

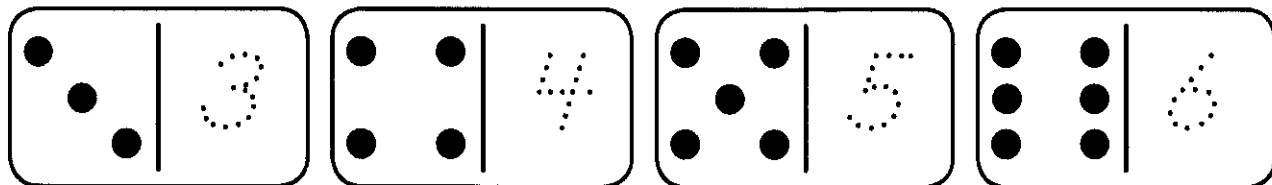</div>

Solve the addition problems. Use the pictures to help.

$3 + 1 =$ _____

$2 + 1 =$ _____

$4 + 1 =$ _____

$1 + 1 =$ _____

$7 + 1 =$ _____

$5 + 1 =$ _____

$8 + 1 =$ _____

Triangles, Squares & Rectangles How Many Corners?

1 Trace the numbers.

2 Count and record the number of corners on each shape. You can add an arrow at each corner if it helps.
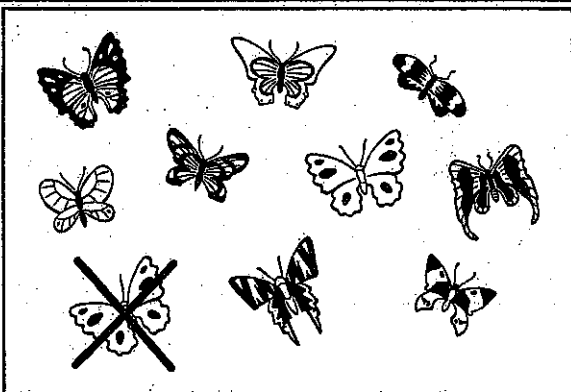
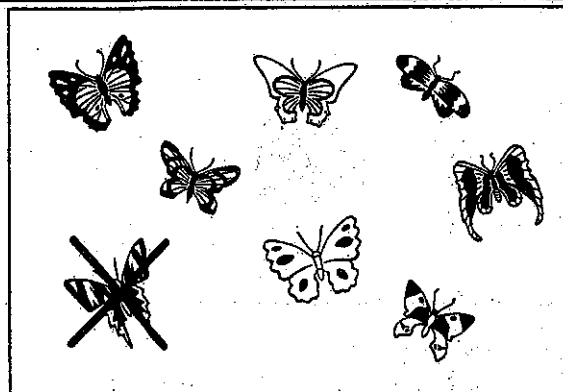| Triangle How many corners?	Triangle How many corners?
Rectangle How many corners?	Square How many corners?
Triangle How many corners?	Rectangle How many corners?
Square How many corners?	**CHALLENGE** Hexagon How many corners?

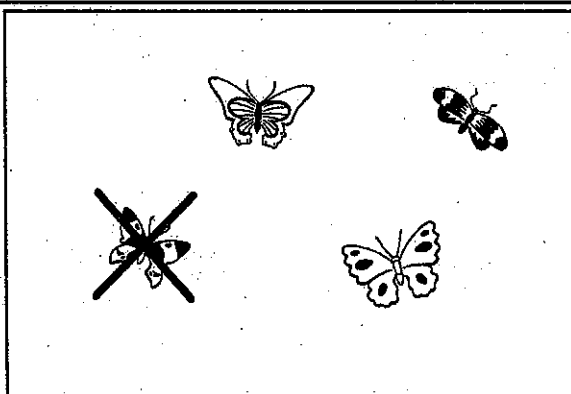NAME _____   DATE _____

Butterfly Countdown Subtract One
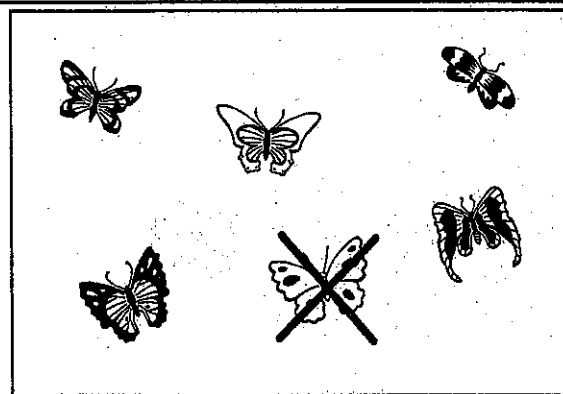
Solve the subtraction problems. Use the pictures to help.

$10 - 1 =$ _____

$8 - 1 =$ _____

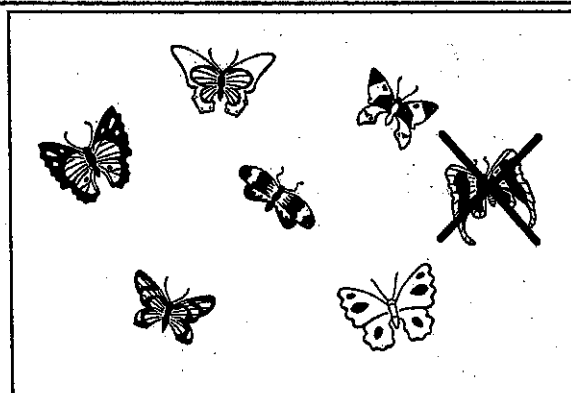$4 - 1 =$ _____

$6 - 1 =$ _____

$7 - 1 =$ _____
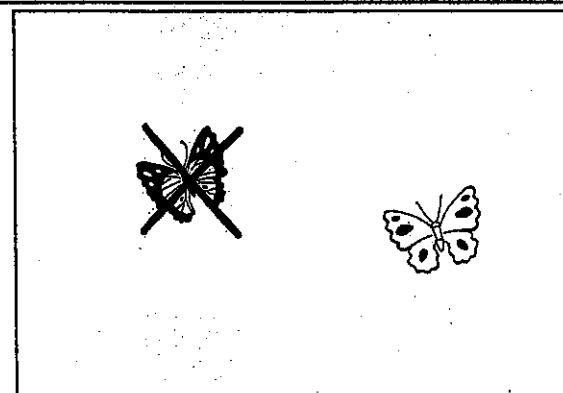
$2 - 1 =$ _____

NAME _____   DATE _____

Line Up Those Numbers

1 Trace each number. Then write it again in the box below.

0	1	2	3	4	5	6	7	8	9

2 Fill in the missing numbers on the number lines below.

0   1   2   3   4   6
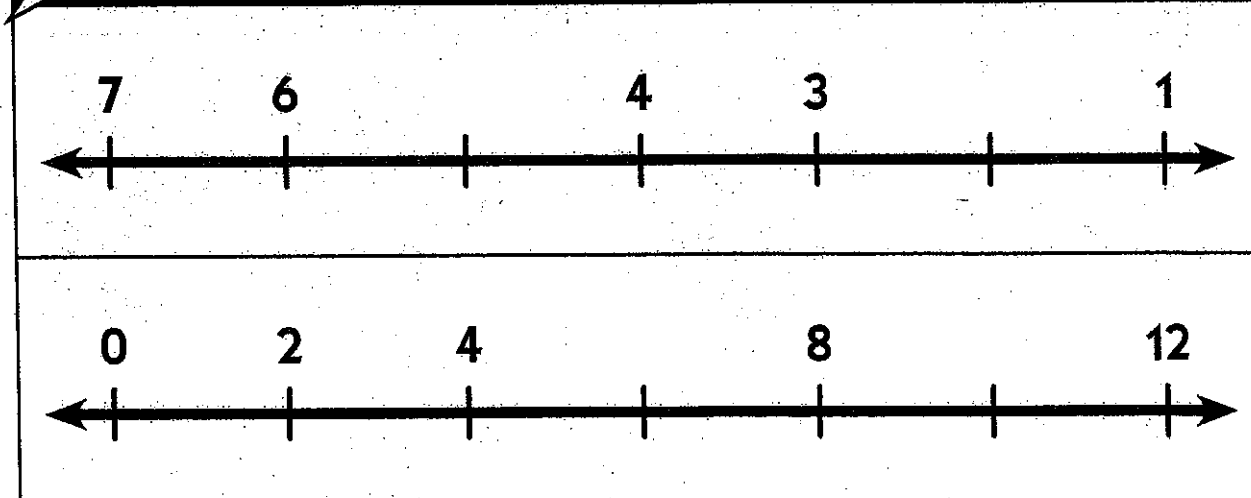
4   6   7   9   10

CHALLENGE

7   6   4   3   1

0   2   4   8   12
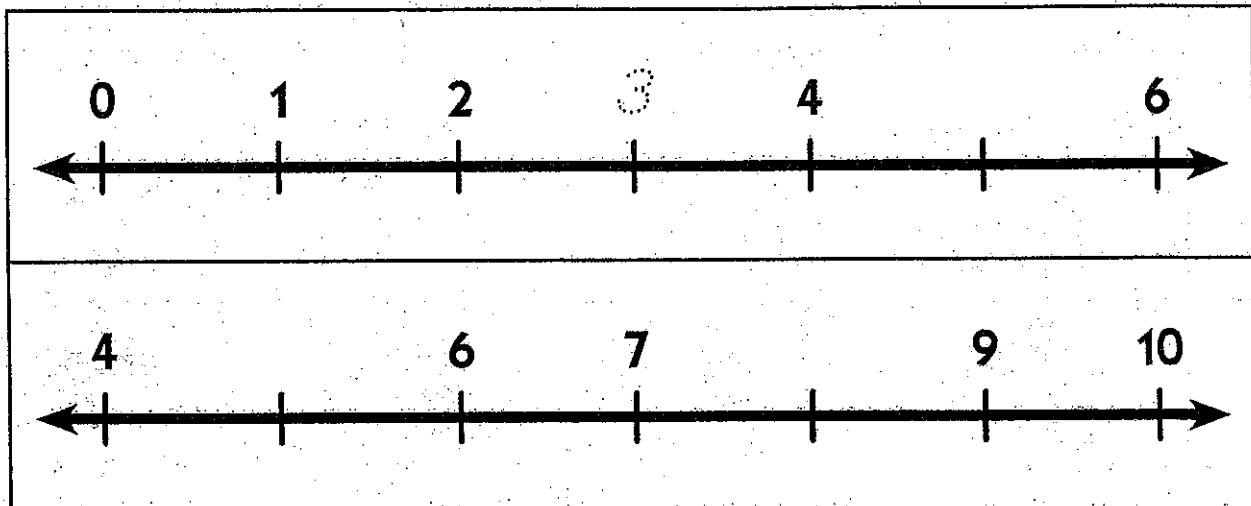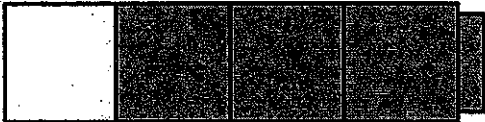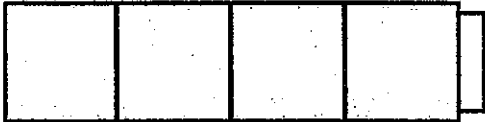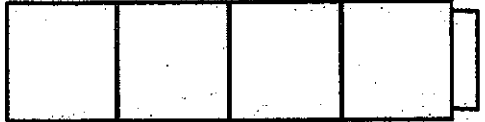
NAME _____   DATE _____

Make 4

1 Color the cubes to match each equation.

1 + 3 = 4	2 + 2 = 4
4 + 0 = 4	3 + 1 = 4

2 Trace the numbers and solve the problems. Use the pictures to help.

3 + 1 = ____

2 + 2 = ____

0 + 4 = ____

____ + ____ = 4

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How Many Insects? Add Them Up

Solve the addition problems. Use the pictures to help.

2 + 2	4 + 4
5 + 5	

1 + 1	3 + 3
4 + 4	

NAME _____ DATE _____

A Story Problem

3 seal pups are on the rock.
4 mother seals are in the water.
How many seals altogether?
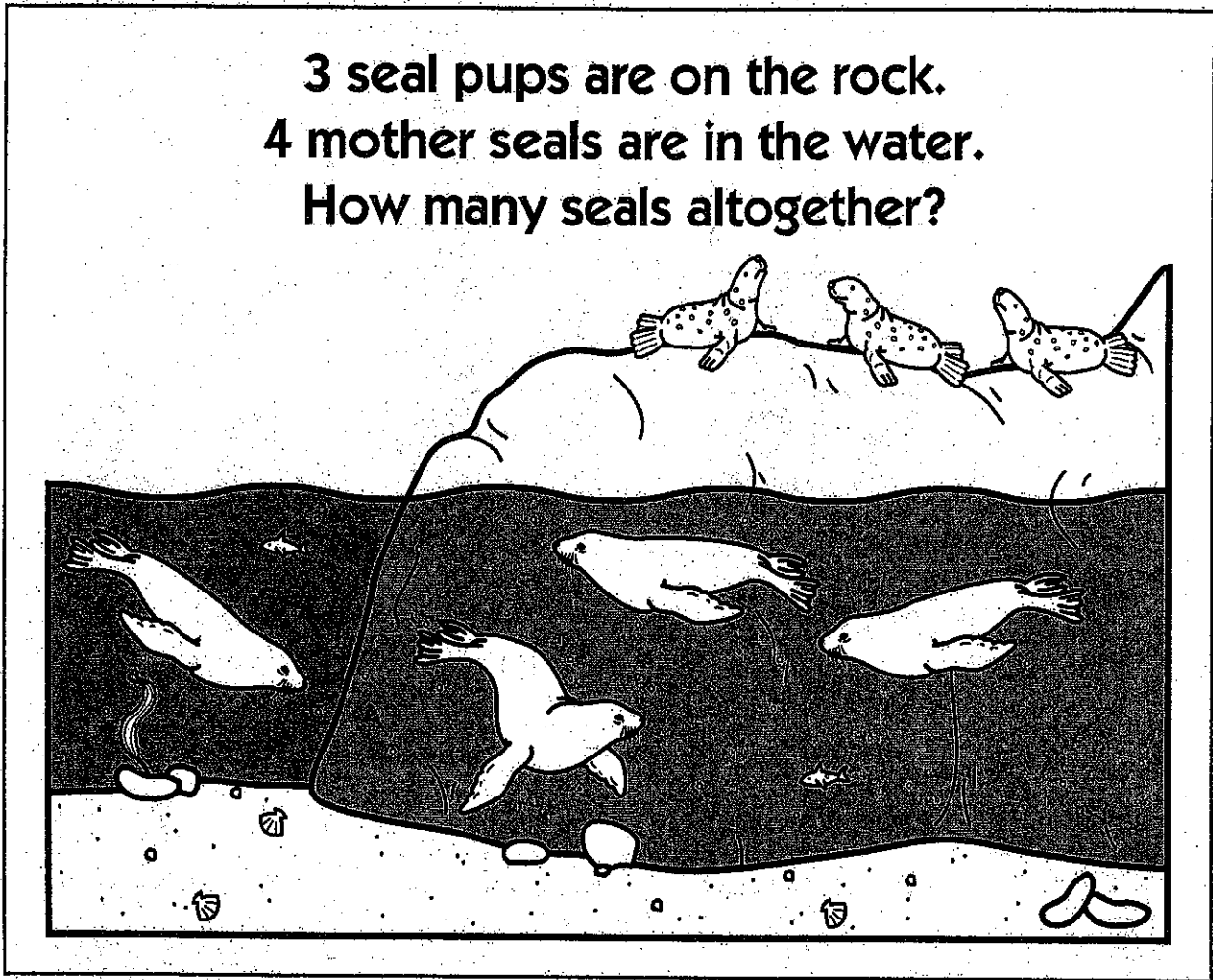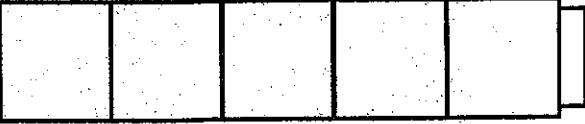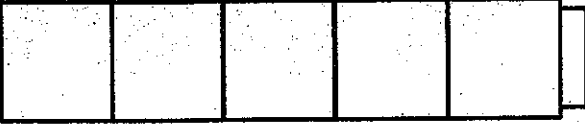
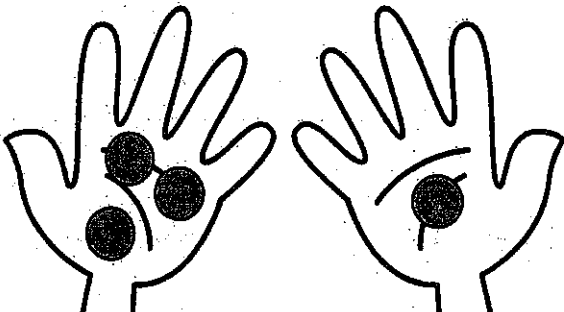Use pictures and numbers to show how you solve the problem.
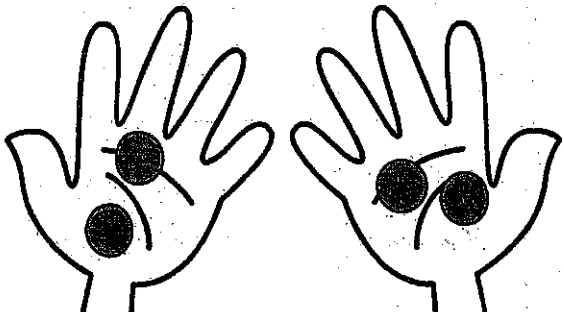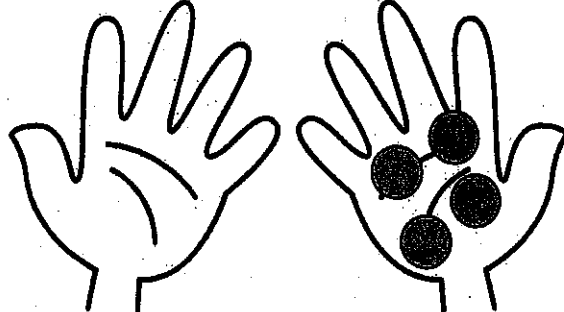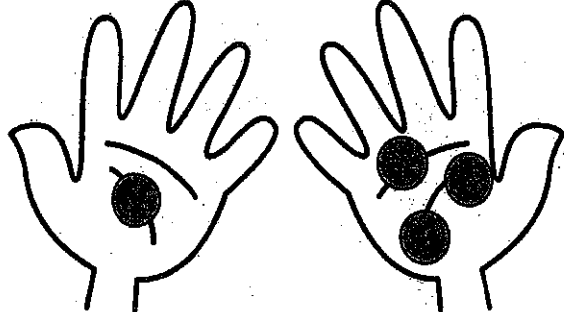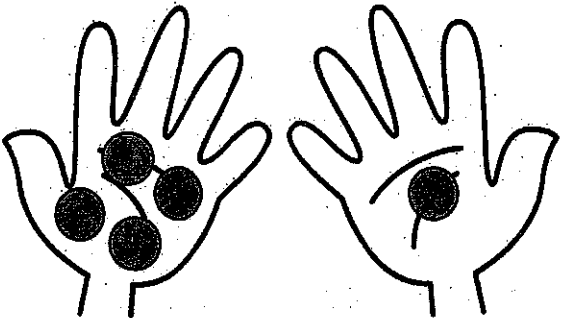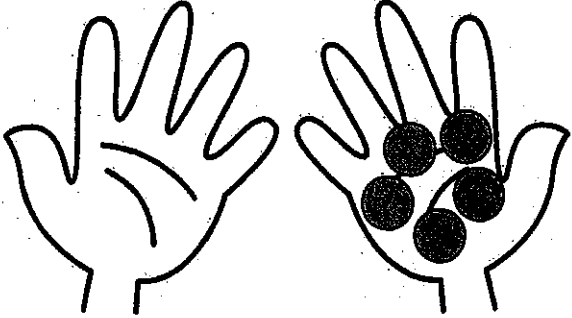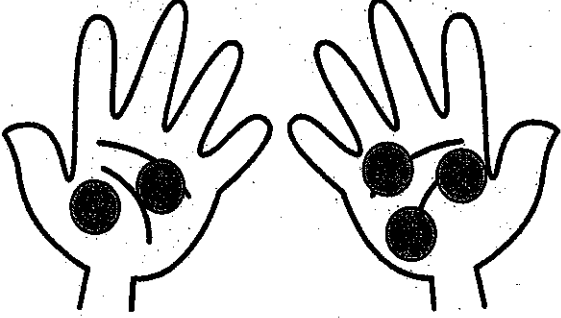
NAME _____ DATE _____

Make 5

1 Color the cubes to match each equation.

1 + 4 = 5	5 + 0 = 5
2 + 3 = 5	4 + 1 = 5

2 Trace the numbers and solve the problems. Use the pictures to help.

3 + 2 = ____

4 + 1 = ____

0 + 5 = ____

____ + ____ = 5

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Count the Cubes

1 Trace each number.

10   11   12   13   14   15

2 Count the cubes in each set and record the number.

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NAME _____ DATE _____

Counting Dimes

Use the following information to help solve the problems below.

=   10¢
    1 dime

1 Trace the numbers.

$$10 \quad 20 \quad 30 \quad 40 \quad 50$$

2 How many cents? Write the amount.

	_10_ ¢
	_____ ¢
	_____ ¢
	_____ ¢
	_____ ¢

NAME _____ DATE _____

Make 6

1 Color the cubes to match each equation.
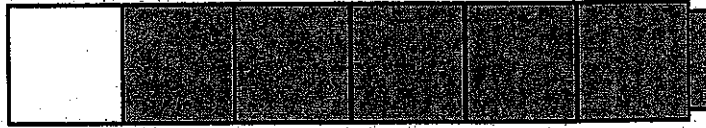
$1 + 5 = 6$
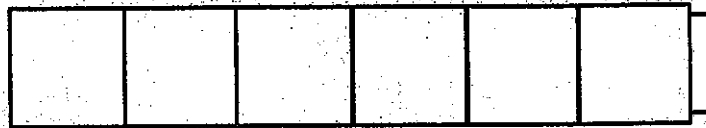
$2 + 4 = 6$
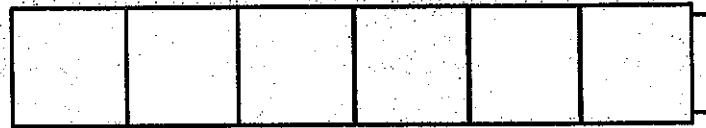
$3 + 3 = 6$

$6 + 0 = 6$

2 Trace the numbers and solve the problems. Use the pictures to help.

NAME _____   DATE _____

Tens & Ones How Many?

How many cubes in each set? Write the number to show.

36
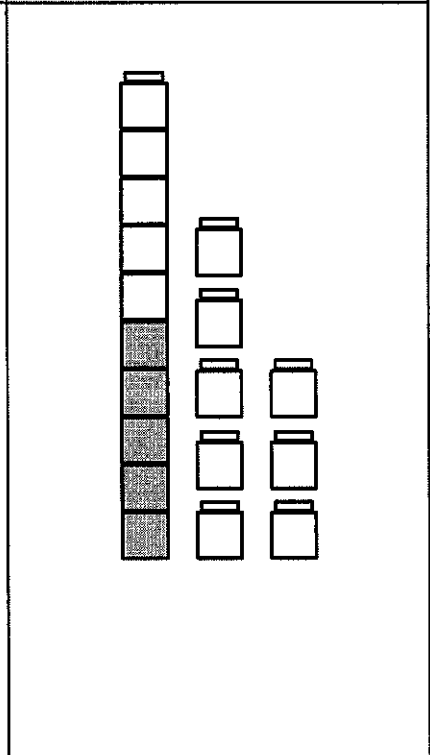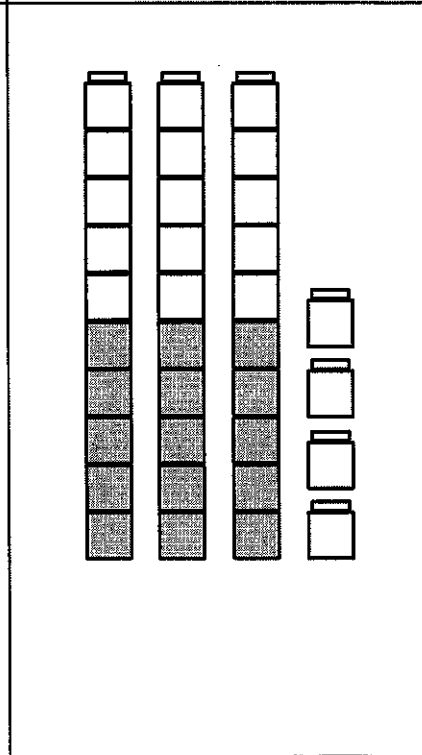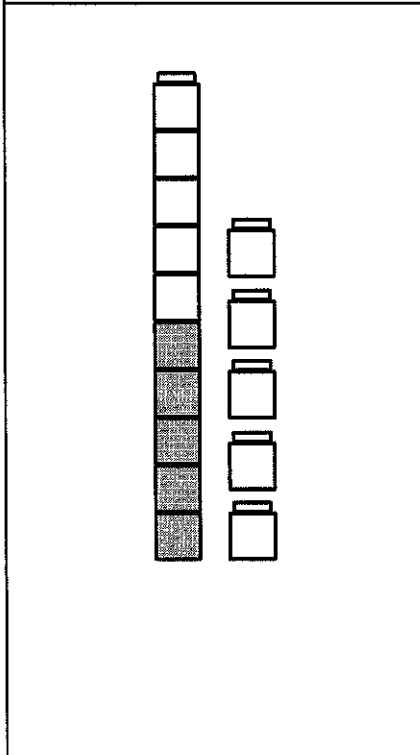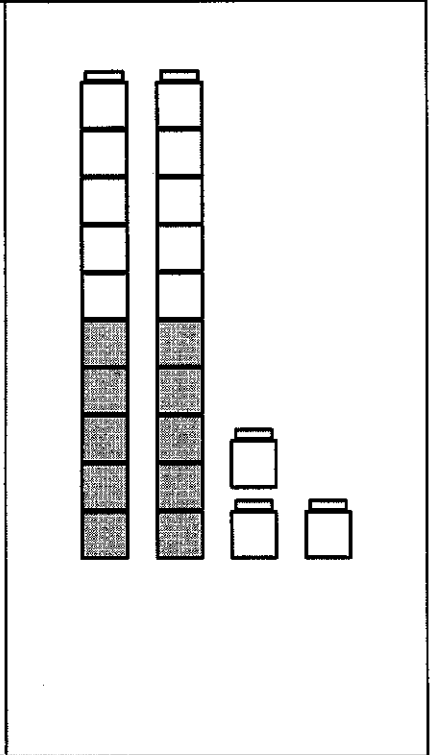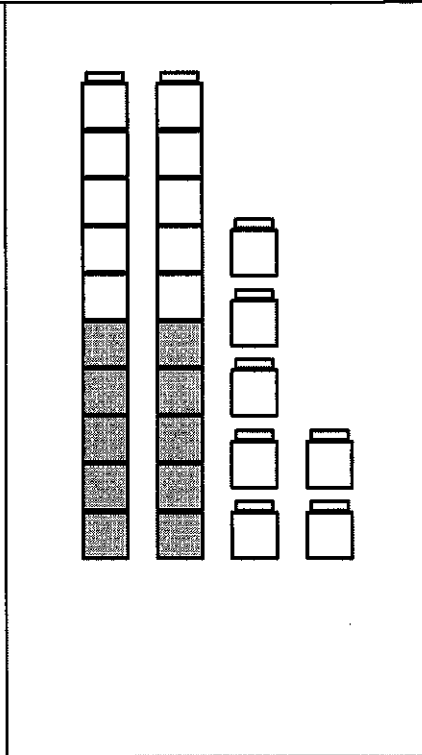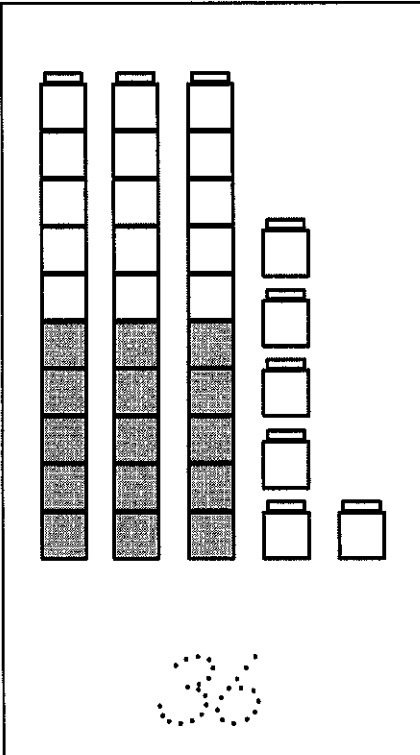
NAME _____   DATE _____

What's Missing? Sheet 2

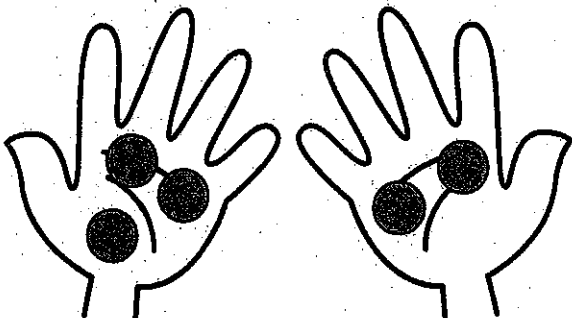**1** Fill in the missing numbers on this calendar.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4		6	7	8		10
11	12		14		16	17
18		20	21		23	
25		27		29		31

2 How many days are there in a week?

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Cats & Dogs Addition

Fill in the numbers and then solve the addition problem. Use the pictures to help.

1

_____ Cats   **+**   _____ Dogs   **=**   _____

2

_____ Cats   **+**   _____ Dog   **=**   _____

3

_____ Cats   **+**   _____ Dogs   **=**   _____

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Frog & Toad Probability

1 Frog got 6 spins. Toad got 4 spins. Color the graph to show.

Spins for Frog and Toad

	10		
	9		
	8		
	7		
	6		
	5		
	4		
	3		
	2		
	1		

Frog
Color me green.
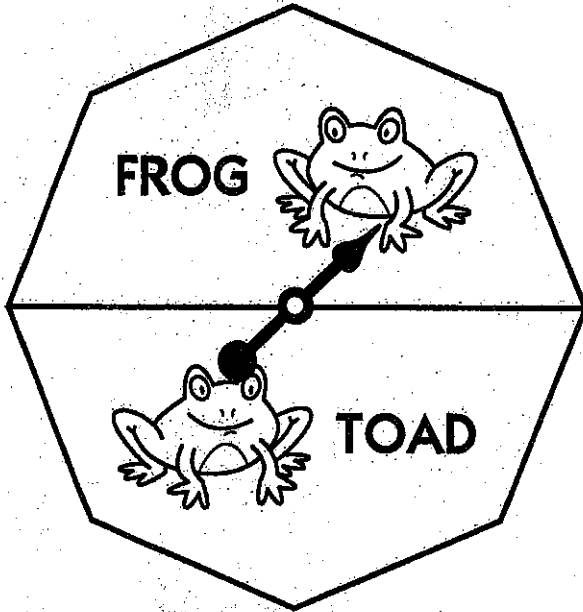
Toad
Color me brown.

2 How many more spins did Frog get than Toad?

3 How many spins did Frog and Toad get in all?
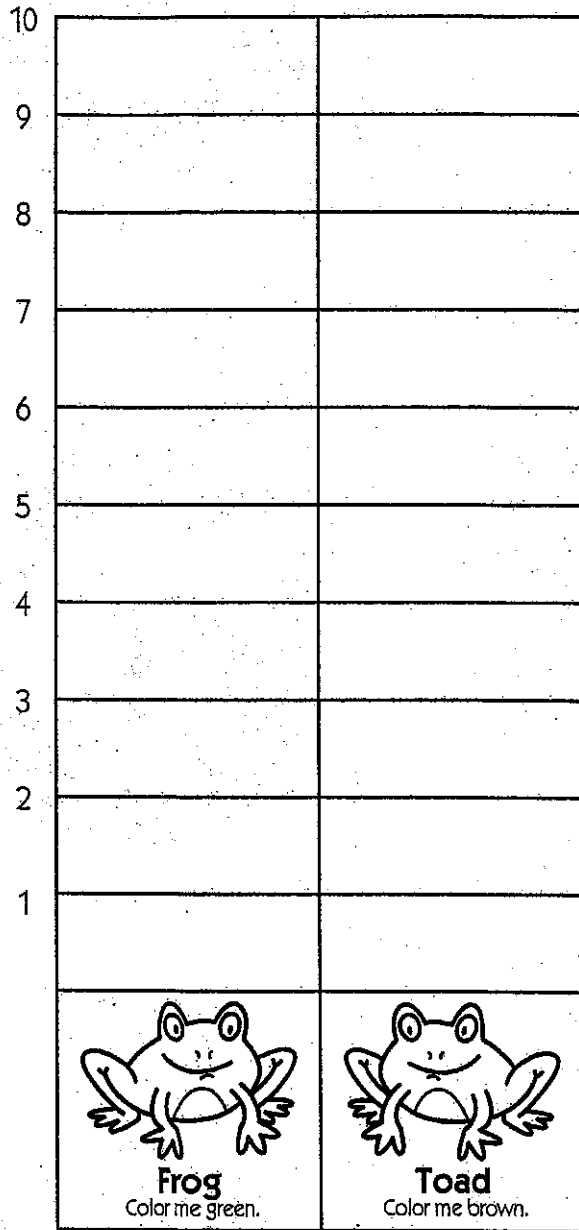
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What Time Is It?

Draw lines to connect the clocks and time cards.
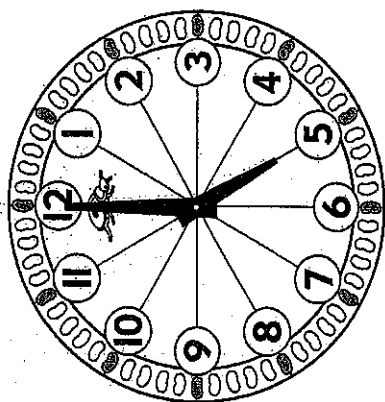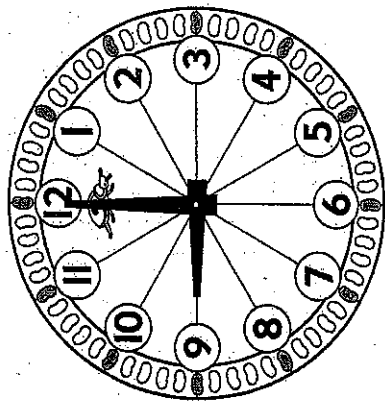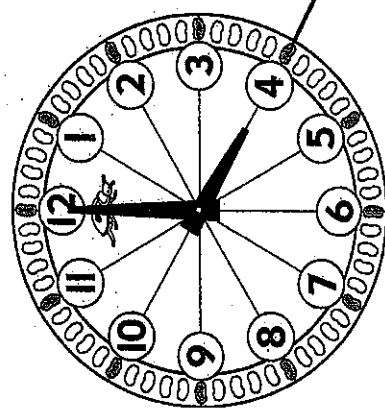
| 1:00 one o'clock |
| 3:00 three o'clock |
| 5:00 five o'clock |
| 4:00 four o'clock |
| 8:00 eight o'clock |
| 9:00 nine o'clock |
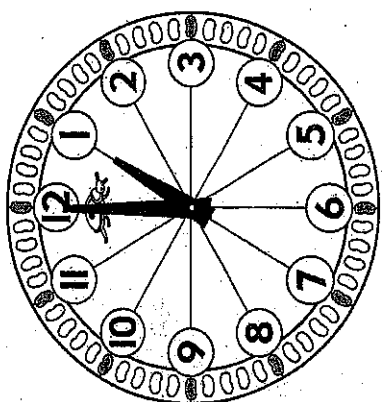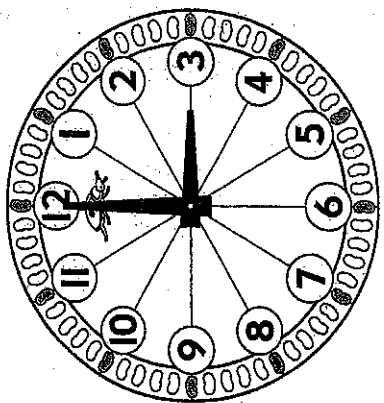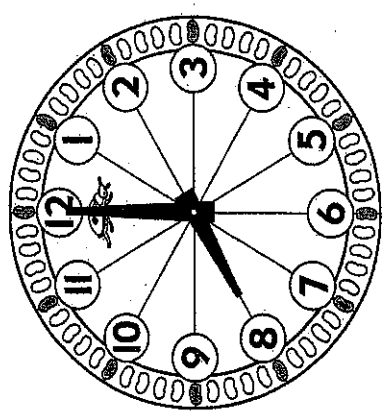
NAME _____   DATE _____

More Frog Problems

Use pictures and numbers to show how you solve each problem.

4 frogs. How many eyes?
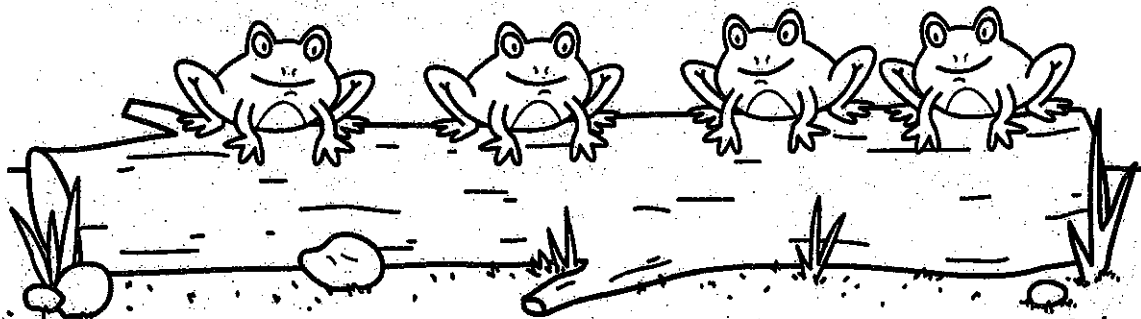
10 eyes. How many frogs?
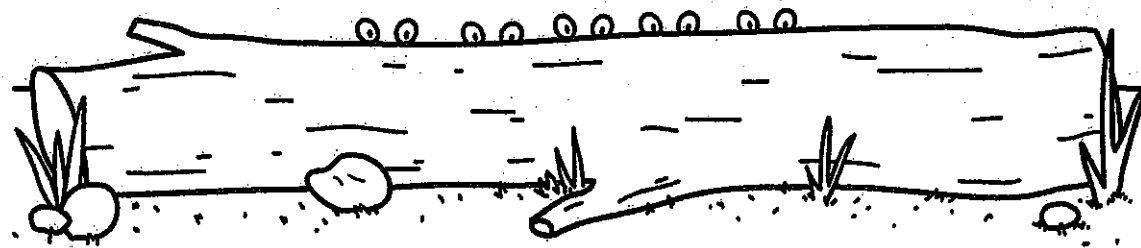
NAME _____ DATE _____

Counting Nickels

Use the following information to help solve the problems below.

=

5¢
1 nickel

1 Trace each number.

5   10   15   20   25   30

2 How many cents? Write the amount.

_____5__ ¢

_____ ¢

_____ ¢

_____ ¢

_____ ¢
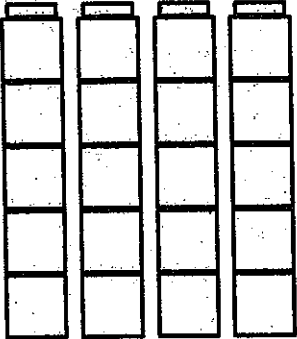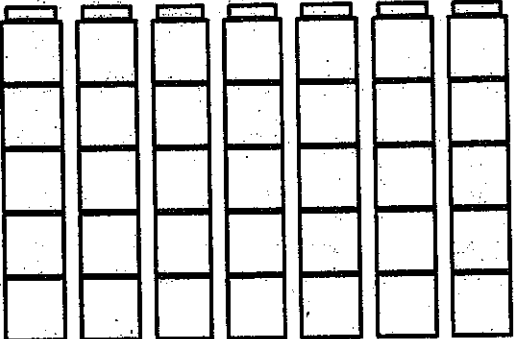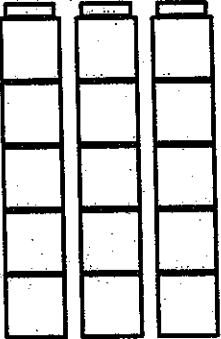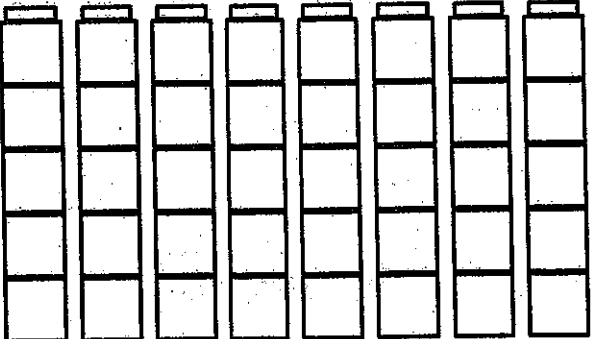
NAME _____ DATE _____

Counting By Fives Sheet 2

1 Trace each number.

5 10 15 20 25

30 35 40 45 50
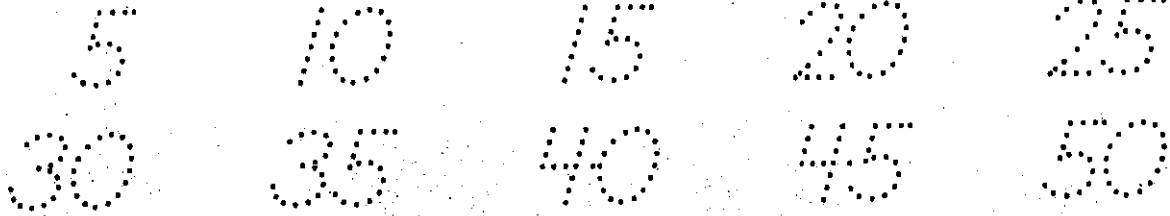
2 How many cubes in each set? Write the numbers.

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The Frog Jumping Contest

1 Freddy Frog is practicing for the big frog jump contest. Color in the boxes to show how far he jumped each time.

1st Jump: 8 sticks

1 2 3 4 5 6 7 8 9 10 11 12 13

2nd Jump: 12 sticks

1 2 3 4 5 6 7 8 9 10 11 12 13

3rd Jump: 9 sticks

1 2 3 4 5 6 7 8 9 10 11 12 13
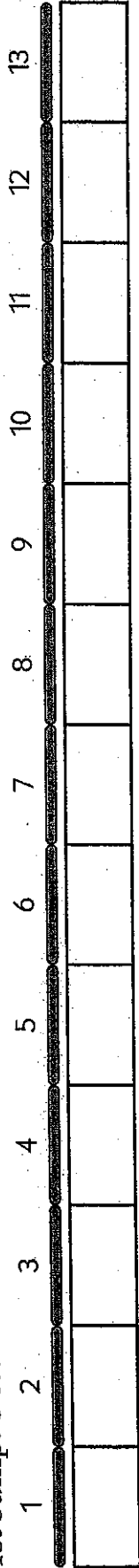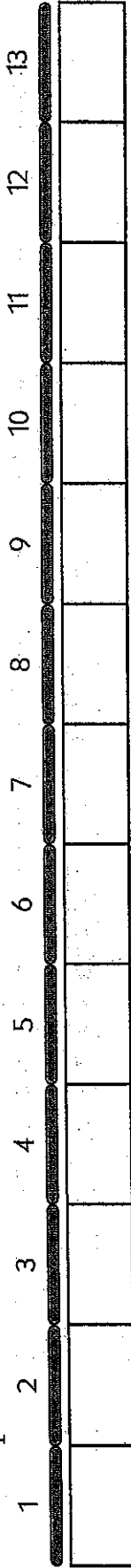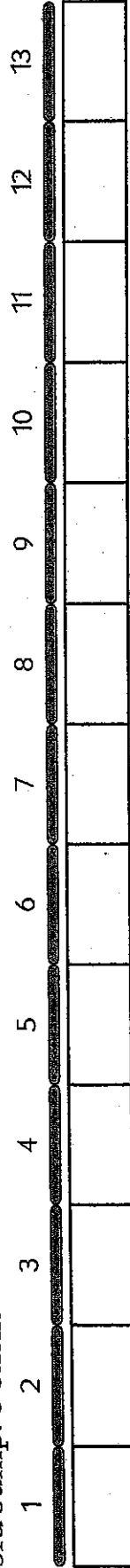
2 Which one was his longest jump? (Circle one.)

1st   2nd   3rd

3 Which one was his shortest jump? (Circle one.)

1st   2nd   3rd

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Counting By Tens

1 Trace each number.

10   20   30   40   50   60   70   80

2 How many cubes?

Frog Addition

1 Color the frogs. Trace the numbers or symbols. Write an addition sentence to match the picture.

Color 2 frogs green. Color 3 frogs brown.

$2 + 3 = \underline{\qquad}$

Color 4 frogs red. Color 1 frog blue.

$\underline{\qquad} + \underline{\qquad} = \underline{\qquad}$

Color 3 frogs yellow. Color 2 frogs black.

$\underline{\qquad} + \underline{\qquad} = \underline{\qquad}$

2 Add.
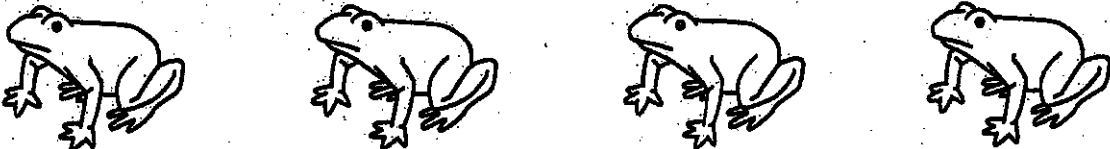
$$\begin{array}{cccccc}
1 & 3 & 4 & 2 & 3 & 4 \\
+\,2 & +\,1 & +\,1 & +\,2 & +\,2 & +\,2 \\
\hline
\end{array}$$

NAME _____ DATE _____

Frog Subtraction

1 Color the frogs. Trace the numbers or symbols. Write a subtraction sentence to match the picture.

Color 4 frogs green. Cross out 2 of them.

4 − 2 = _____

Color 5 frogs red. Cross out 1 of them.

5 − 1 = _____

Color 6 frogs brown. Cross out 3 of them.

_____ − _____ = _____

2 Subtract.

2	3	4	5	5	6	6
− 1	− 2	− 2	− 3	− 4	− 1	− 2

NAME _____   DATE _____

Frog Line-Up

1 The frogs are lined up for the big race! Color the frogs so it's easy to tell them apart.

- Color the 1st frog green.
- Color the 4th frog brown.
- Color the 2nd frog yellow.
- Color the 5th frog red.
- Color the 3rd frog blue.
- Color the 6th frog black.

2 Here is the race track. Fill in the missing numbers.

1		3		5		7		9	

3 Color in the boxes on the track.

- Color the 1st box red.
- Color the 6th box blue.
- Color the 2nd box green.
- Color the 7th box red.
- Color the 3rd box blue.
- Color the 8th box green.
- Color the 4th box red.
- Color the 9th box blue.
- Color the 5th box green.

4 What color should the 10th box be? _____ Color it in!

5 Add.

$$\begin{array}{ccccccc}
0 & 0 & 1 & 2 & 2 & 2 & 3 \\
+\,0 & +\,1 & +\,1 & +\,1 & +\,2 & +\,3 & +\,3 \\
\hline
\end{array}$$

1									

			44						
								68		

81									
						97			

NAME _____   DATE _____

Missing Numbers Grid 1

1	2	3	4	5	6		8	9	10
11		13	14		16	17	18	19	20
21	22	23		25	26	27	28		30
31	32	33	34	35		37	38	39	
41	42		44	45	46	47	48	49	50
51	52		54	55	56	57	58		60
61	62	63		65	66	67	68	69	70
	72	73	74	75	76		78	79	80
81	82		84	85	86	87	88		90
91	92	93	94	95	96	97	98		100
101	102	103		105		107	108	109	110
111	112		114	115	116	117		119	120

NAME _____   DATE _____

Missing Numbers Grid 2

1	2		4	5	6		8	9	10
11		13	14	15	16	17	18		20
	22	23	24		26	27	28	29	30
31	32		34	35	36	37		39	40
41	42	43	44	45	46	47	48	49	
51		53	54	55		57	58	59	60
61	62	63		65	66		68	69	70
	72	73	74		76	77	78	79	80
81	82	83	84	85	86	87		89	90
91	92		94	95	96	97	98		100
101		103	104		106	107		109	110
111	112	113		115	116		118	119	120

1									
									120

NAME _____ DATE _____

1–120 Number 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
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120