

Students Entering First Grade

Summer Math Packet

Name _____

Dear Parents,

The attached packet provides a range of activities that review and expand on the math concepts your child has learned in school this past year. It is designed to be worked on for 15 to 30 minutes a day throughout the summer, rather than completed in just a few days at the beginning or end of summer. The goal is to keep skills sharp to be ready to move forward into the next school year.

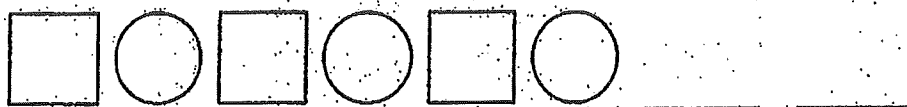
Students **will** be asked to hand in their completed work the first week of school.

Thank you for your support at home.

Have a great summer!

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Patterns What Comes Next?**1** Draw or color what you think comes next in the pattern.**2** Fill in the numbers that are missing.

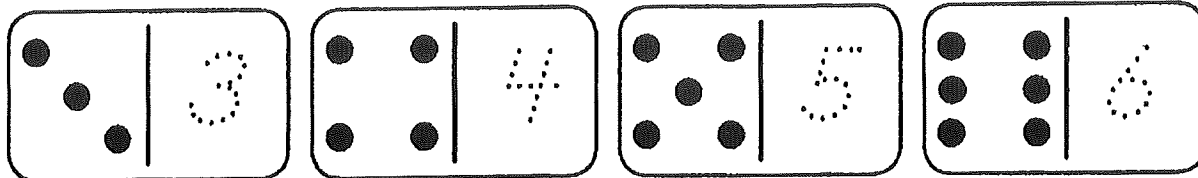
1 _____ 3 4 5 _____ 7 8 _____ 10

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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.

<p>Triangle How many sides?</p>	<p>Triangle How many sides?</p>
<p>Rectangle How many sides?</p>	<p>Square How many sides?</p>
<p>Triangle How many sides?</p>	<p>Rectangle How many sides?</p>
<p>Square How many sides?</p>	<p>CHALLENGE</p> <p>Hexagon How many sides?</p>

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Adding One More

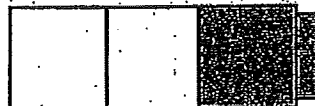
Use the numbers to help solve the problems below.

0 1 2 3 4 5 6 7 8 9 10

Solve the addition problems. Use the pictures to help.



$$3 + 1 = \underline{\quad}$$



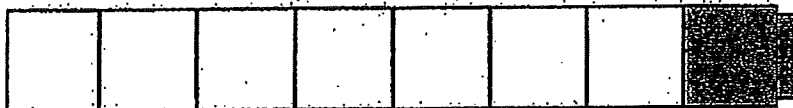
$$2 + 1 = \underline{\quad}$$



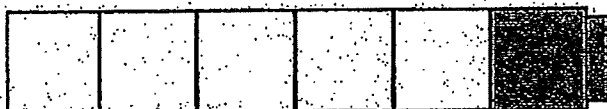
$$4 + 1 = \underline{\quad}$$



$$1 + 1 = \underline{\quad}$$



$$7 + 1 = \underline{\quad}$$



$$5 + 1 = \underline{\quad}$$



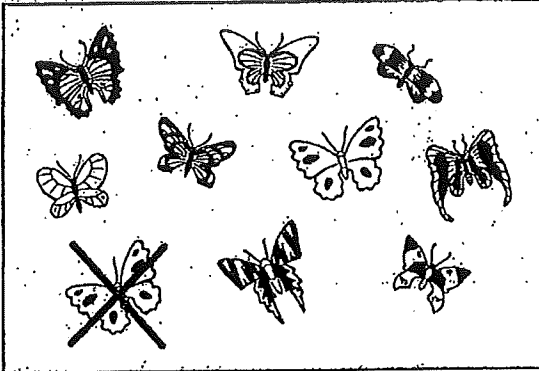
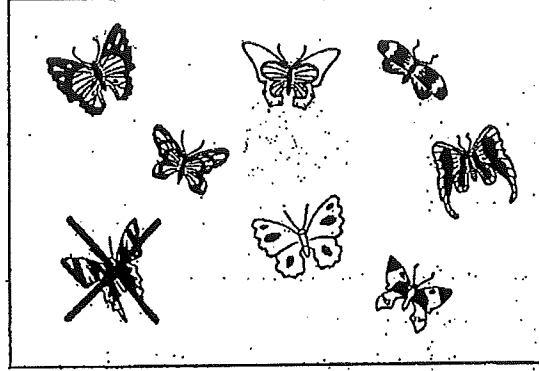
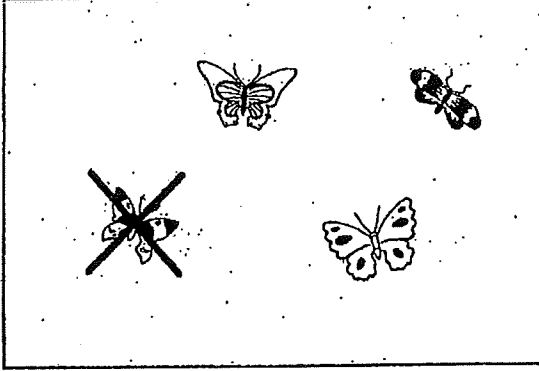
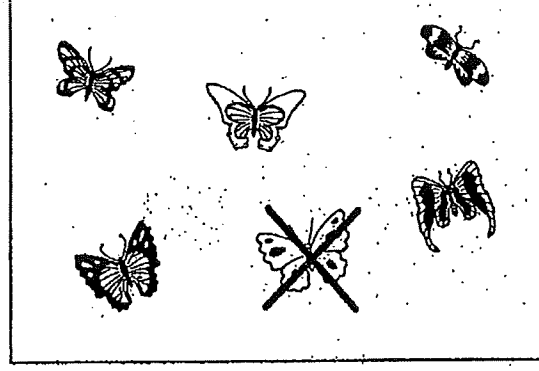
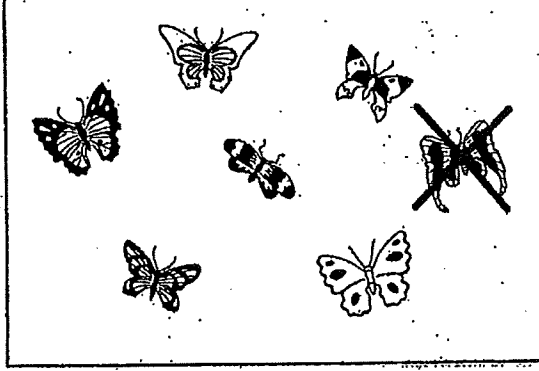
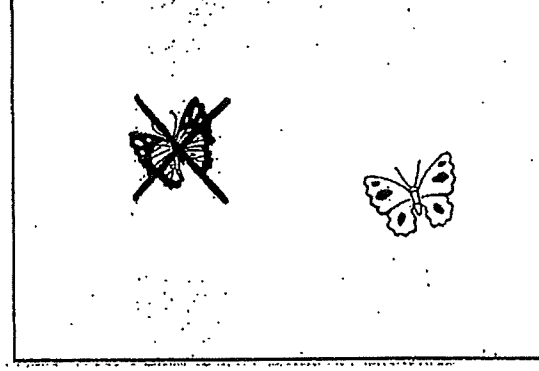
$$8 + 1 = \underline{\quad}$$

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Butterfly Countdown Subtract One

Solve the subtraction problems. Use the pictures to help.

 <p>$10 - 1 = \underline{\quad}$</p>	 <p>$8 - 1 = \underline{\quad}$</p>
 <p>$4 - 1 = \underline{\quad}$</p>	 <p>$6 - 1 = \underline{\quad}$</p>
 <p>$7 - 1 = \underline{\quad}$</p>	 <p>$2 - 1 = \underline{\quad}$</p>

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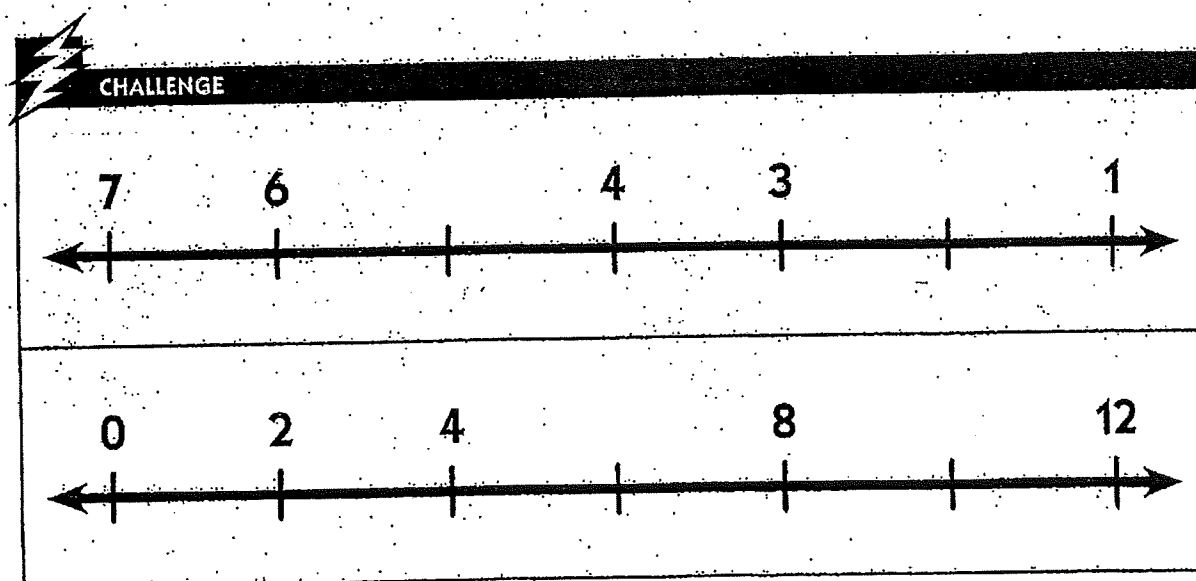
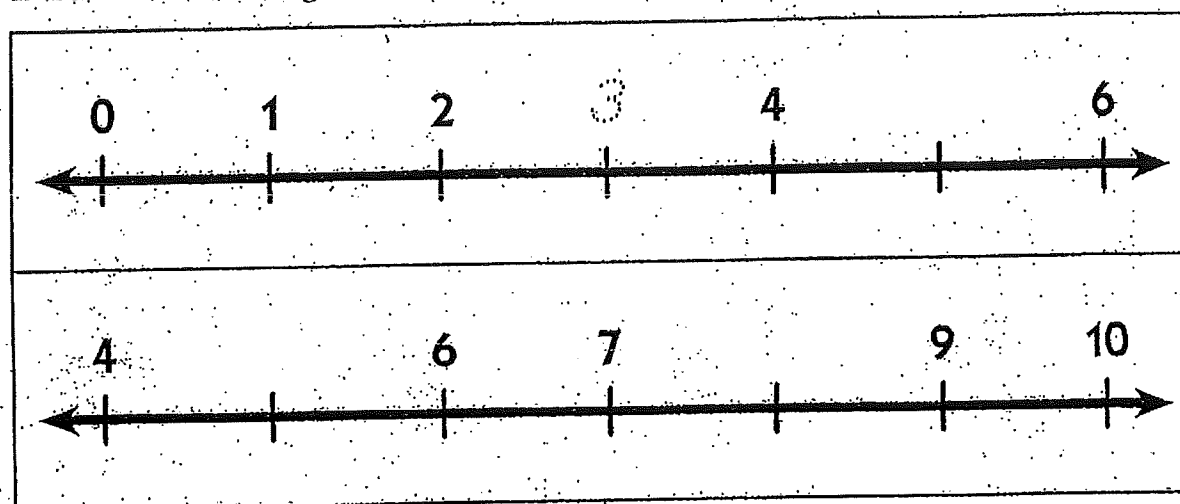
DATE _____

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

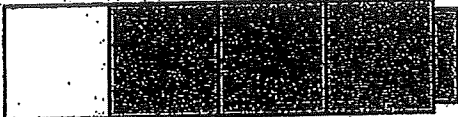



2 Fill in the missing numbers on the number lines below.



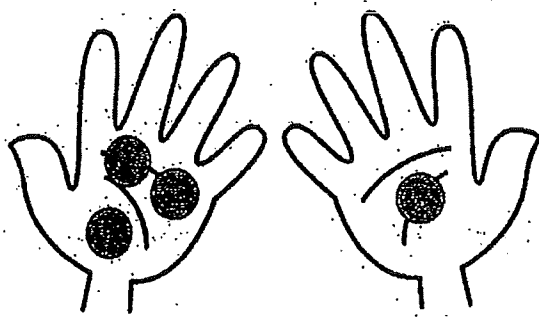
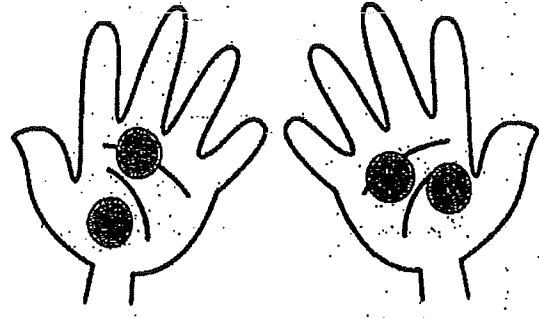
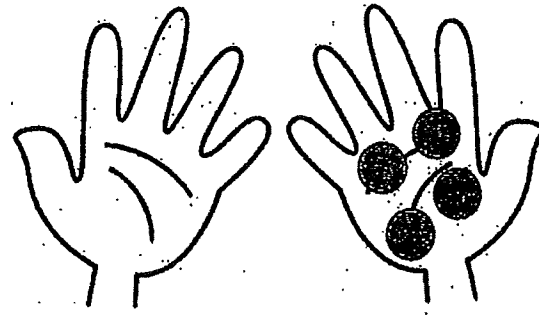
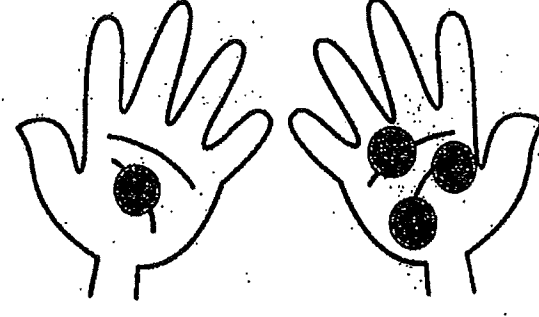
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Make 4**1** Color the cubes to match each equation.

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

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

 $3 + 1 = \underline{\quad}$	 $2 + 2 = \underline{\quad}$
 $0 + 4 = \underline{\quad}$	 $\underline{\quad} + \underline{\quad} = 4$

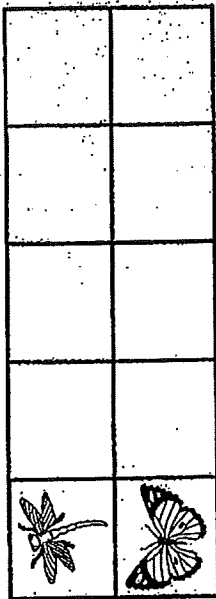
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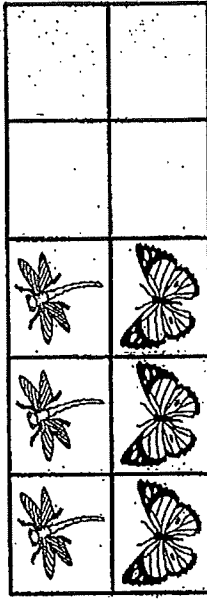
How Many Insects? Add Them Up

Solve the addition problems. Use the pictures to help.

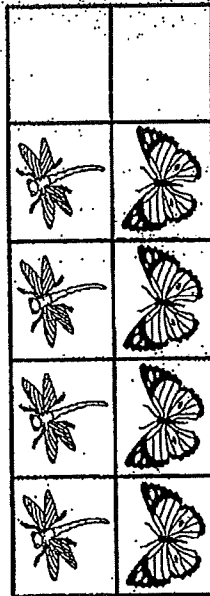
$$\begin{array}{r} 1 \\ + 1 \\ \hline \end{array}$$



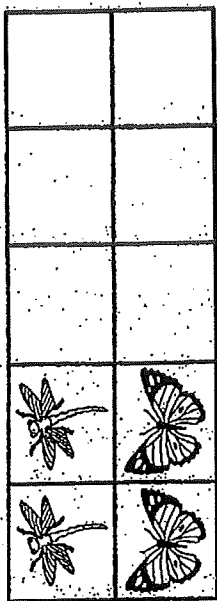
$$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$$



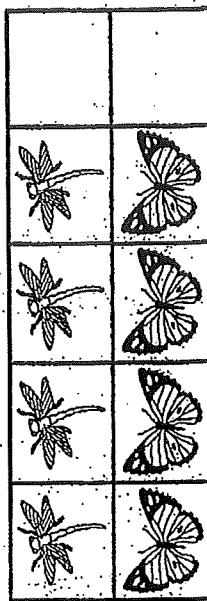
$$\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$$



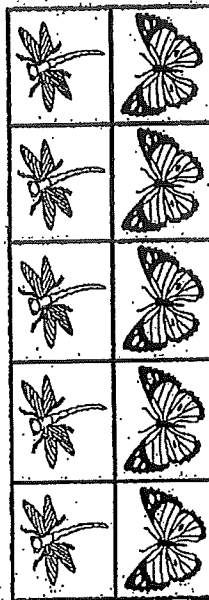
$$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$$



$$\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$$



$$\begin{array}{r} 5 \\ + 5 \\ \hline \end{array}$$

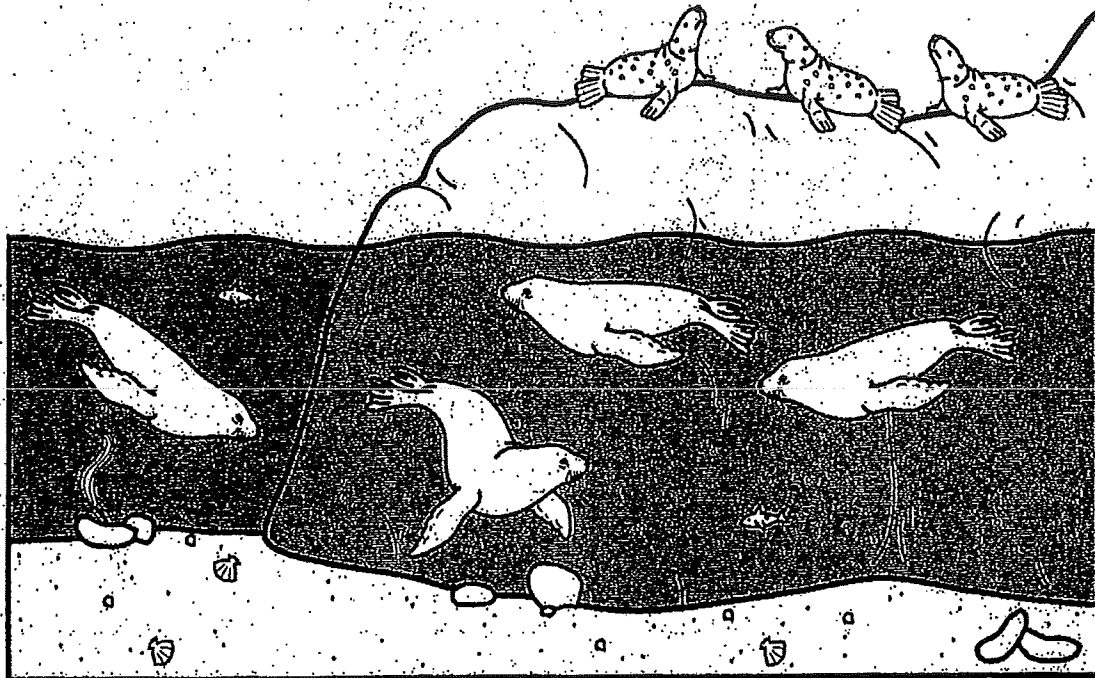


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A Story Problem

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.

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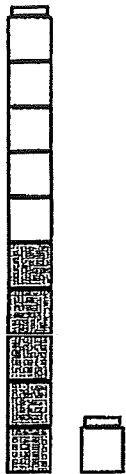
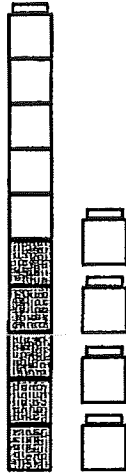
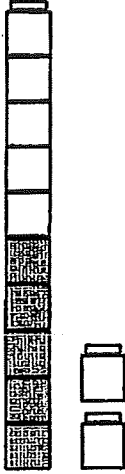

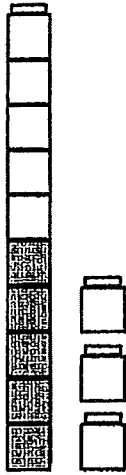
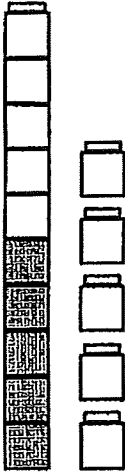
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Count the Cubes

1 Trace each number.

10 11 12 13 14 15

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

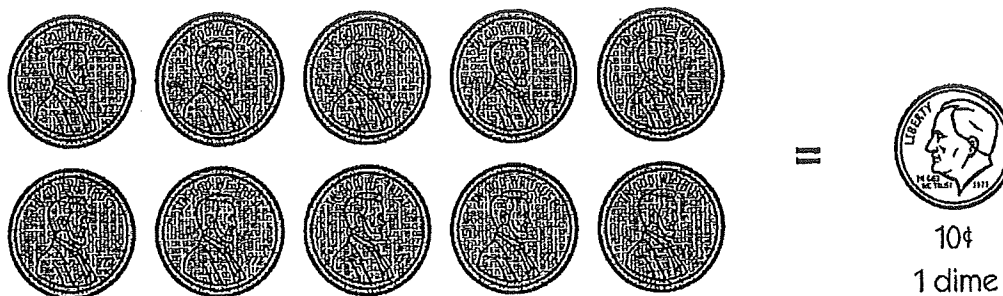
 <p>11</p>		
		

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Counting Dimes






Use the following information to help solve the problems below.



1 Trace the numbers.

10 20 30 40 50

2 How many cents? Write the amount.

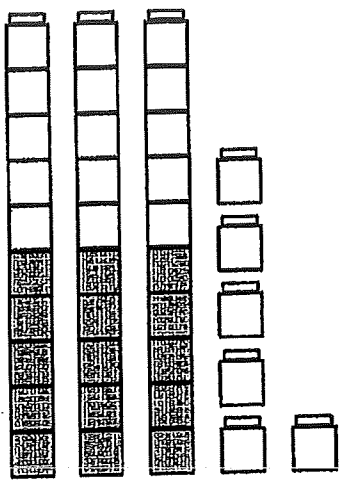

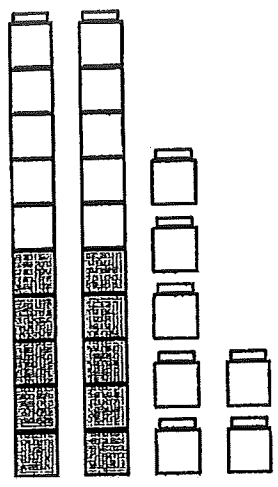
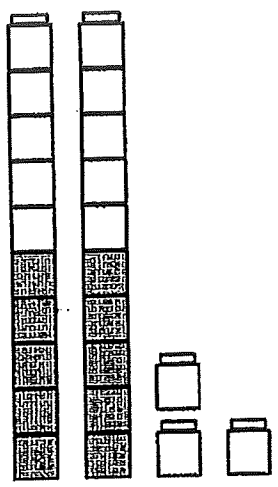
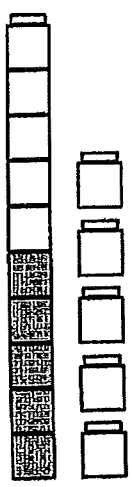
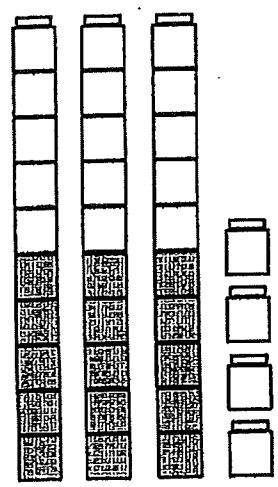
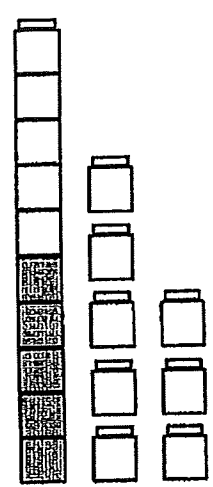
	<u>10</u> ¢
	_____¢
	_____¢
	_____¢
	_____¢

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Tens & Ones How Many?

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

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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

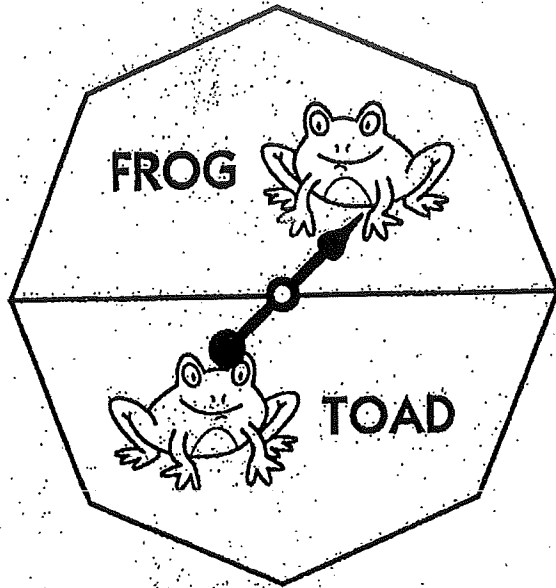
Dogs

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Frog & Toad Probability

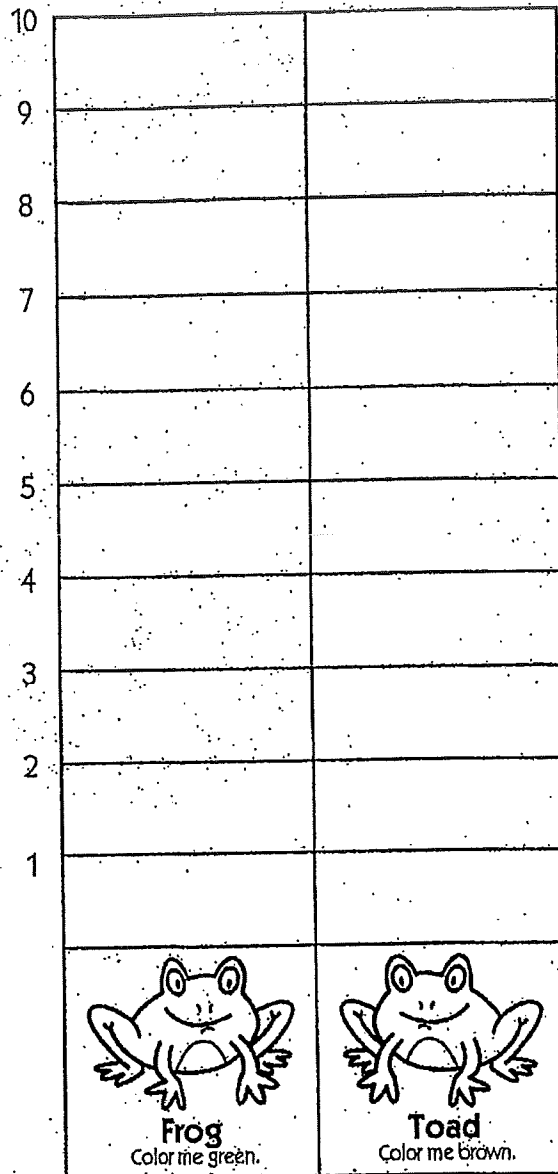
- 1 Frog got 6 spins. Toad got 4 spins.
Color the graph to show.



- 2 How many more spins did Frog get than Toad?

- 3 How many spins did Frog and Toad get in all?

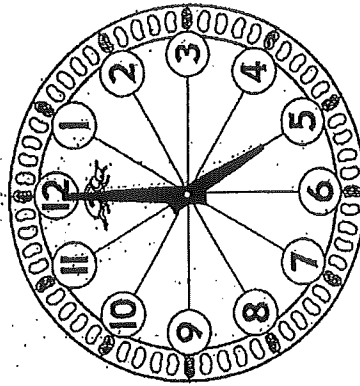
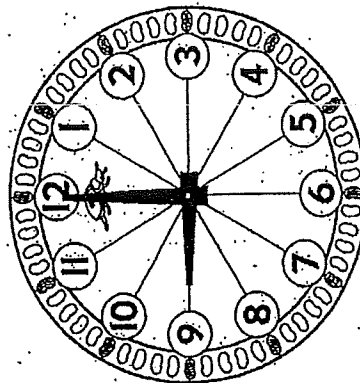
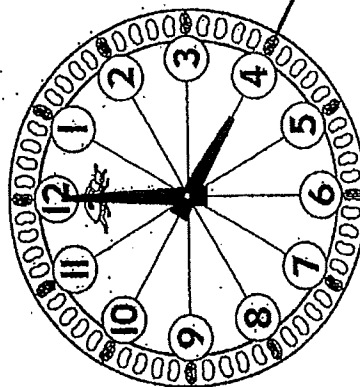
Spins for Frog and Toad



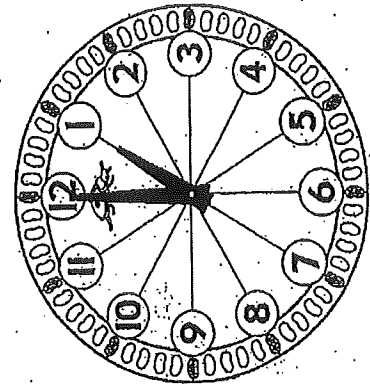
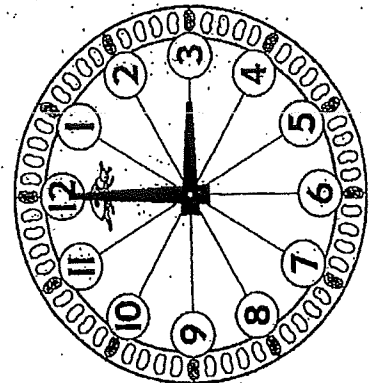
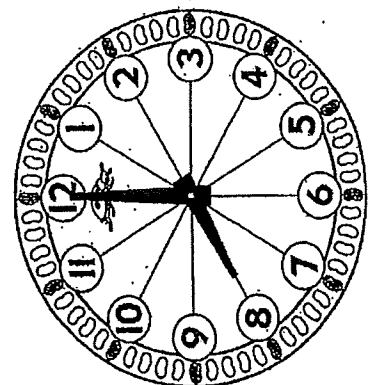
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What Time Is It?

Draw lines to connect the clocks and time cards.



9:00 nine o'clock	8:00 eight o'clock	4:00 four o'clock	5:00 five o'clock	3:00 three o'clock	1:00 one o'clock
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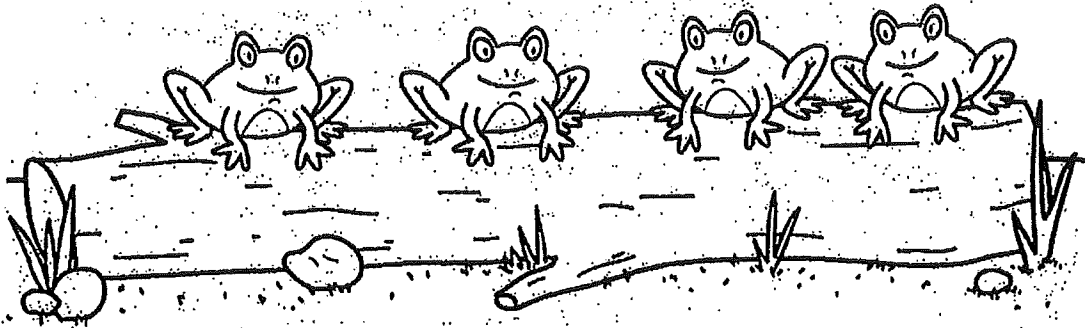
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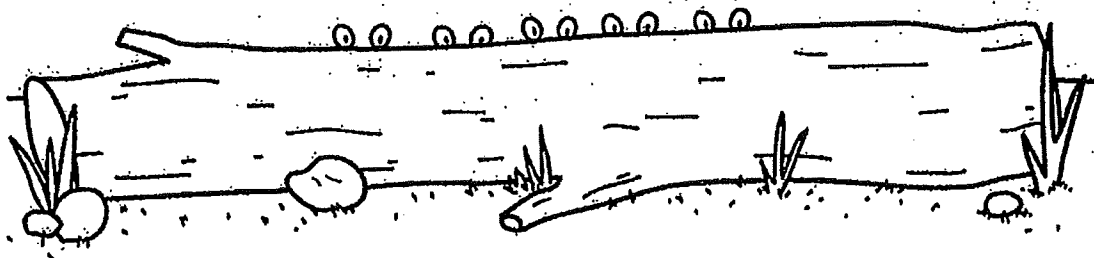
More Frog Problems

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

4 frogs. How many eyes?



10 eyes. How many frogs?



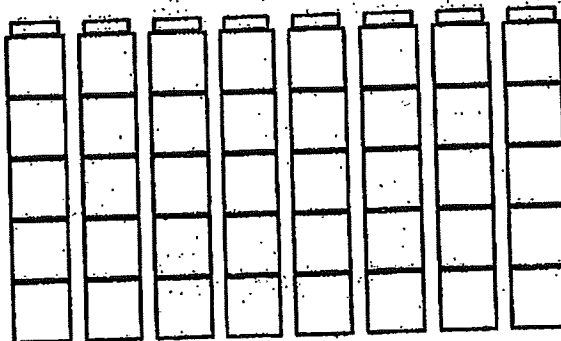
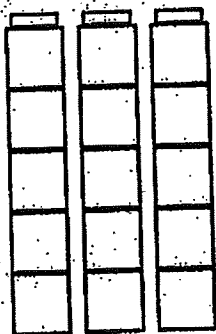
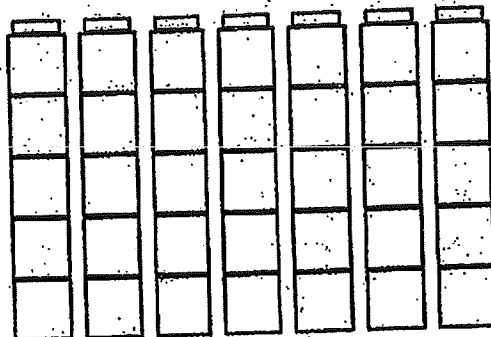
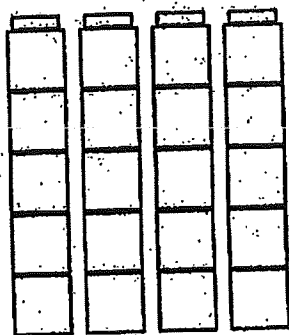
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Counting By Fives Sheet 2

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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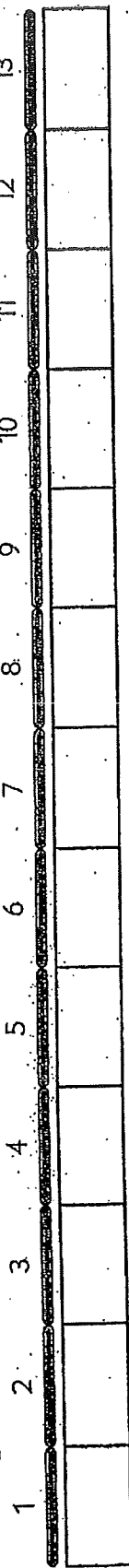
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The Frog Jumping Contest

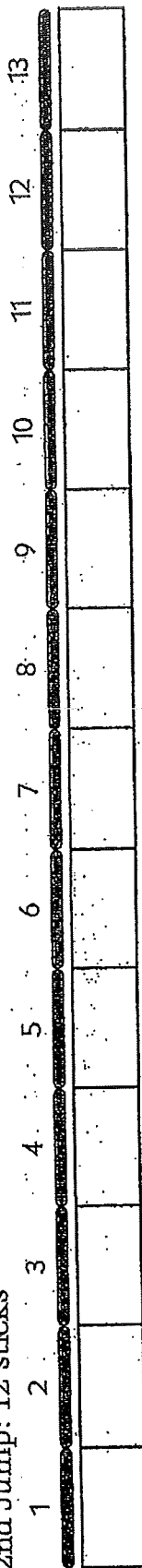


1 Freddy Frog is practicing for the big frog jump contest. Color in the boxes to show how far he jumped each time.

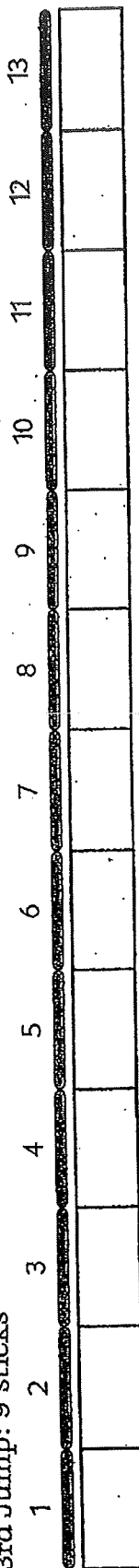
1st Jump: 8 sticks



2nd Jump: 12 sticks



3rd Jump: 9 sticks



2 Which one was his longest jump? (Circle one.)

1st 2nd 3rd

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

1st 2nd 3rd



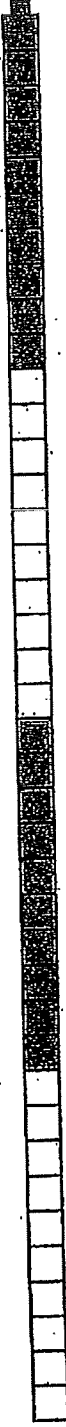


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Counting By Tens

1 Trace each number.

0 10 20 30 40 50 60 70 80 90

2 How many cubes?

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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 =

Color 4 frogs red. Color 1 frog blue.



_____ + _____ =

Color 3 frogs yellow. Color 2 frogs black.



_____ + _____ =

2 Add.

$$\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$$

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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.



_____ - 3 = _____

2 Subtract.

$$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$$

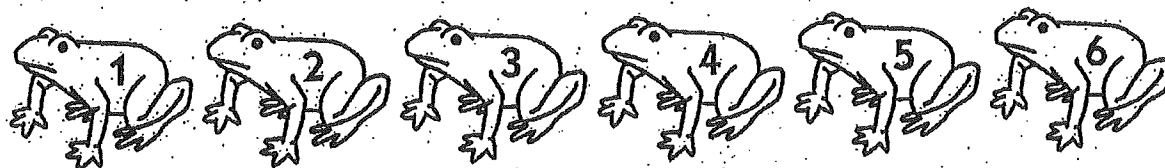
$$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$$

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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.

$$\begin{array}{r} 0 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$$

Date: _____

[illegible][illegible][illegible]