



1st Grade



NUMBER ORDER, ADD/SUBTRACT MATH 101

Introduction |1

1.	Count to 99	2
	Write Numbers to 99 7	Self Test 1 8
2.	Number Order to 99 Self Test 2 14	9
3.	Add and Subtract to 9	
4.	Measurements and Shapes Self Test 4 28	
5.	Number Order	
	Shapes and Colors 32	Self Test 5 34

LIFEPAC Test |Pull-out



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Editor: Alan Christopherson, M.S.

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Learn with our friends!





When you see me, I will help your teacher explain the exciting things you are expected to do.



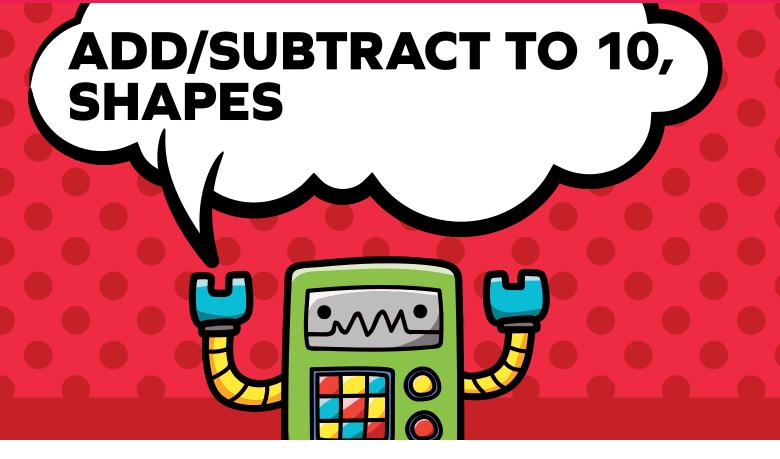
When you do actions with me, you will learn how to write, draw, match words, read, and much more.



You and I will learn about matching words, listening, drawing, and other fun things in your lessons.



Follow me and I will show you new, exciting truths that will help you learn and understand what you study. Let's learn!



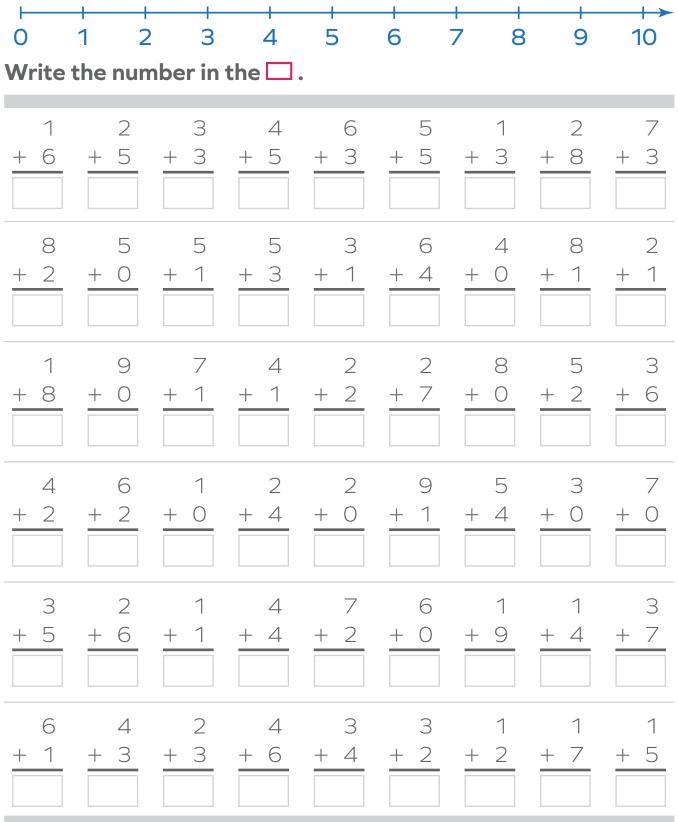
Objectives

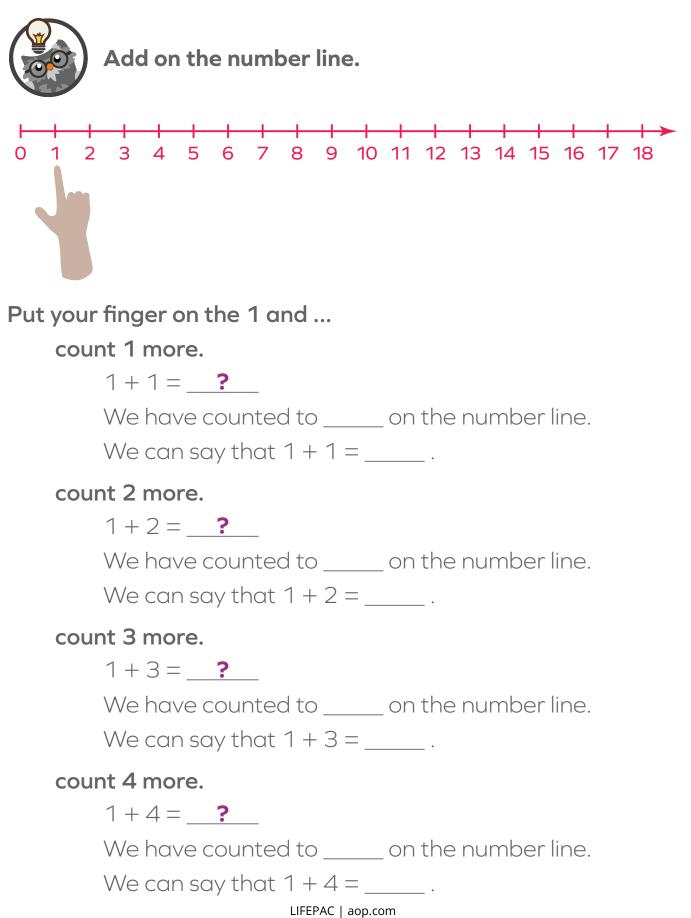
Read these objectives. They will tell what you will be able to do when you have finished this LIFEPAC[®].

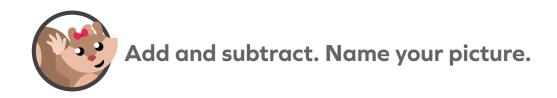
- 1. I can add and subtract sets to 10.
- 2. I can tell the ones' place and the tens' place.
- 3. I can tell greater than and less than to 99.
- 4. I can learn to measure objects.
- 5. I can learn about flat and solid shapes.
- 6. I can write numbers as words.
- 7. I can recognize patterns and tell what comes next.

My name is

1. ADDITION FACTS TO 10

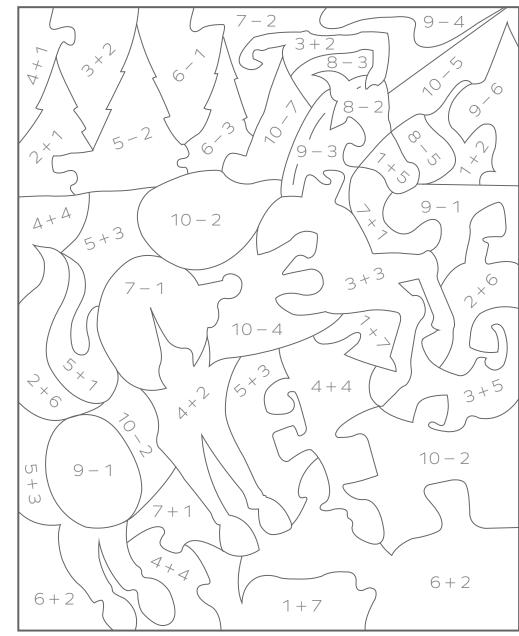






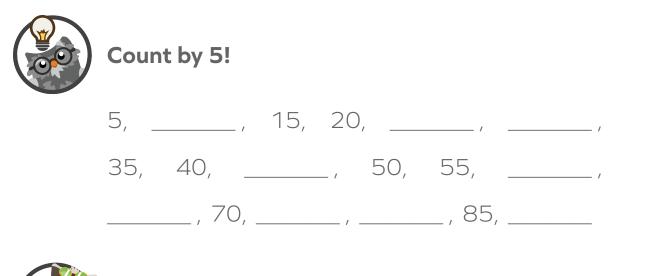
Color all facts that equal ...

- **3** green.
- 5 blue.
- **6** red.
- 8 brown.



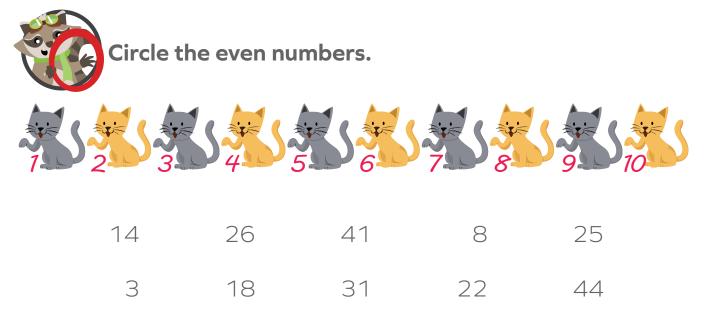


Before you take the Self Test, study what you have read and done. The Self Test will check what you remember.





8	15	23	12	16
2	11	26	48	13





Write the number in each box.

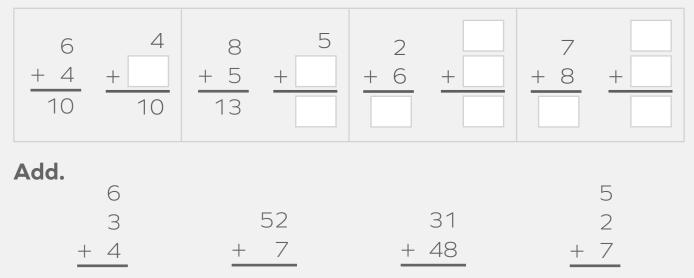
		102			105		107		
				114				118	
120			123			126			129
	131			134				138	
		142			145		147		
	151				155				159
				164		166			169
		172			175				
180			183			186		188	
			193		195		197		
200									







Complete the family of addition facts.



Complete the family of subtraction facts.

$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
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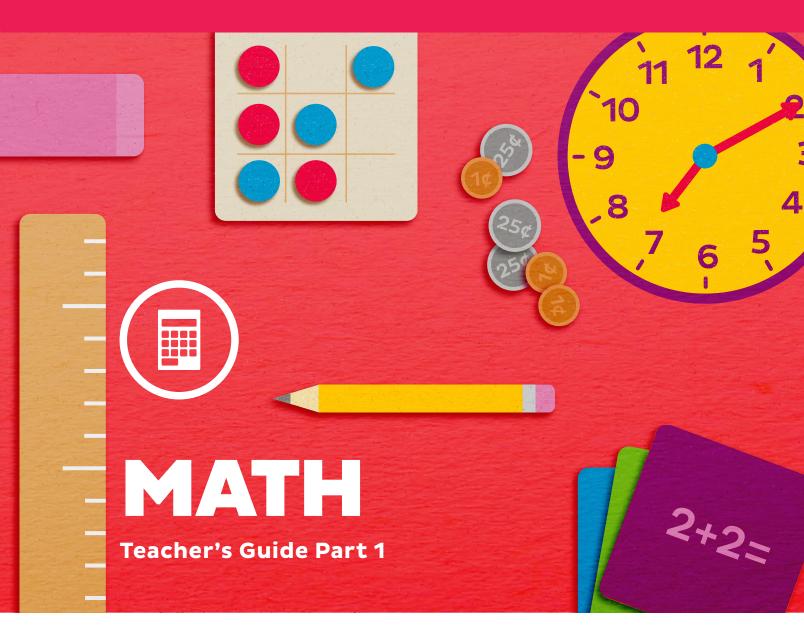
Add.

23	65	30	17
42	21	45	21
+ 51	+ 40	+ 52	+ 60









Ist Grade



MATH 100 Teacher's Guide Part 1

LIFEPAC [®] Overview		3
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INSTRUCTIONS FOR MATH

The first grade Teacher's Guides of the LIFEPAC curriculum are designed to provide a stepby-step procedure that will help the teacher prepare for and present each lesson effectively. In the early LIFEPACs, the teacher should read the directions and any other sentences to the children. However, as the school year progresses, the student should be encouraged to begin reading and following his own instructional material in preparation for the independent study approach that begins at the second grade level.

The remainder of the Teacher's Guide includes the following teacher aids:

1) Introduction of Skills

For each unit:

- 2) Materials Needed
- 3) Objectives
- 4) Teacher Instruction
- 5) Answer Keys
- 6) Alternate Tests

After the last unit:

- 7) Math Terms Glossary
- 8) Conversion Charts

The Introduction of Skills is a more detailed overview of skills than that presented in the *Scope and Sequence*. The Math Terms includes a glossary of math terms and a table of measurements. The Teacher Instruction Pages contain guidelines for teaching each lesson. Additional learning activities provide opportunities for problem solving, encourage the student's interest in learning, and may be used as a reward for good study habits.

Math is a subject that requires skill mastery. But skill mastery needs to be applied toward active student involvement. The Teacher Instruction Pages list the required or suggested materials used in the LIFEPAC lessons. These materials include items generally available in the school or home. Pencils, paper, crayons, scissors, paste and/or glue stick are materials used on a regular basis. Construction paper, beads, buttons, and beans can be used for counting, sets, grouping, fractions, and patterning. Measurements require measuring cups, rulers, and empty containers. Boxes and similar items help in the study of solid shapes.

Any workbook assignment that can be supported by a real-world experience will enhance the student's ability for problem solving. There is an infinite challenge for the teacher to provide a meaningful environment for the study of math. It is a subject that requires constant assessment of student progress. Do not leave the study of math in the classroom.

MATH 100 INTRODUCTION OF SKILLS

Introduction of Skills is a quick reference guide for the teacher who may be looking for a rule or explanation that applies to a particular skill or to find where or when certain skills are introduced in the LIFEPACs. The first number after the skill identifies the LIFEPAC, and the second number identifies the section.

CONCEPT L	IFEPAC	SECTION	CONCEPT LIFE	PAC	SECTION
Addition			Number line	101	1
facts to 9	101	3	Number order		
facts to 10	102	1	before and after to 99	101	2
1-digit number added to 10	102	3	bigger and smaller to 99	101	2
facts to 18	104	1	before and after to 100	103	5
3 numbers, 1 digit	105	1	before and after to 200	107	3
2 numbers, 2 digits	106	3	greater than, less than to 100	105	2
checking answers	105	1	greater than, less than to 200	107	1
3 numbers, 2 digits	109	1	closest multiple of 10	109	3
Calendar	103	4		110	1
Count			Number sentences	103	2
to 99	101	1	Number words		
to 100	103	4	zero to ten	102	5
to 200	107	1	to twenty	104	3
Directions			to ninety-nine	106	2
north, east, south, west	110	3	Operation symbols		
Estimation			+, -, =	102	1
size and weight	102	4	≠	103	2
numbers	107	5	>, <	106	2
Even and odd numbers	104	2	Ordinal numbers		_
Families of facts			to tenth	102	5
addition and subtraction	109	1	Place value		-
Fractions			for ones	102	3
$\frac{1}{2}$ of an object, of a set	103	3	for tens	102	3
$\frac{1}{4}$ of an object, of a set	105	3	for hundreds	107	2
Graphs (Charts)			Problem solving	100	4
posting data	105	4	estimation	102	4
	107	5	how many facts equal a number		5
	109	3	sensible answers Sequencing and number patterns	109 102	4
Measurements				102	5
objects big and little	101	4	Shapes flat	101	4
objects greater than, less th		4	solid	101	4
long and short	101	4	Skip counting	102	4
dozen	105	3	by 10's	101	1
ruler—inch	101	4	by 10 S	104	2
ruler—one-half inch	108	2	by 2's	104	2
weight	102	4	by 5's	106	1
Money	404	4	objects by grouping	108	5
pennies, dimes	104	4	, ,,,,,		
nickels	106	4			

2. **READING A NUMBER SENTENCE**

PAGES 8 & 9: NUMBER SENTENCES

MATERIALS NEEDED

pencils

Concept:

reading number sentences

Teacher Goal:

To teach the children to read number sentences in addition and subtraction.

Teaching Pages 8 and 9:

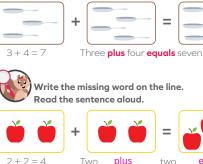
Turn to page 8. Tell the children that a sentence is a statement that tells them something. Explain to them that they can make a statement using numbers and/or words. Have the children point to the sets of pans and then have them point to the number fact. Ask them what the operation sign (+) stands for (plus) and what the sign (=) stands for (equals). Have the children point to each word as they read the sentence, "Three plus four equals seven." Read the directions and have the children complete the page.

Turn to page 9. Remind the children that a sentence is a statement that tells them something. It may be in numbers or in words. Have the students point to the sets of hearts and then have them point to the number fact. Ask them what the operation sign (-) stands for (minus) and what the sign (=) stands for (equals). Have the children point to each word as they read the sentence, "Five minus two equals three." Read the directions and have the children complete the page.

2. READING A NUMBER SENTENCE

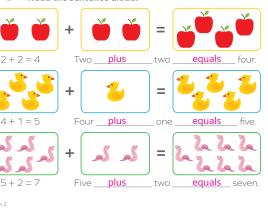


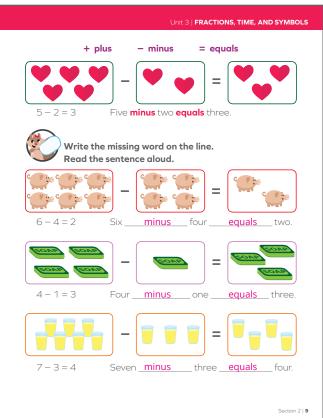
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8 | Section 2

FRACTIONS, TIME, AND SYMBOLS | Unit 3









Ist Grade



MATH 100 Teacher's Guide Part 2

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MATH SCOPE & SEQUENCE 6 STRUCTURE OF THE LIFEPAC CURRICULUM 10	TEACHING SUPPLEMENTS 16 INSTRUCTIONS FOR MATH 21
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Unit 10: Course Review	195
TEACHER NOTES 196	ALTERNATE LIFEPAC TEST 233
Math Terms Glossary	237

2. NUMBER WORDS TO 99

PAGES 8 & 9: NUMBERS AS WORDS

MATERIALS NEEDED

- pencils
- paper

Concept:

number words to 99

Teacher Goal:

To teach the children to read and write number words to ninety-nine (99).

Teaching Pages 8 and 9:

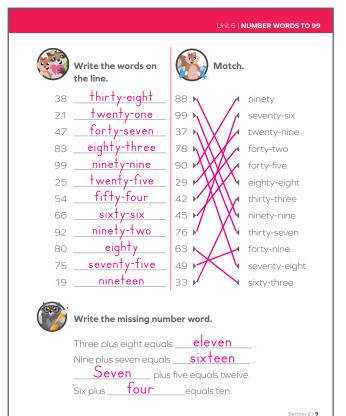
Turn to page 8. Have the students read the number words to nineteen aloud. Point to the numbers 10 through 90. Have the children say the numbers aloud. Remind them that this is skip counting by 10's. Have the students use a piece of paper to cover the number symbols and ask them to say the number words aloud. Point out that the u is dropped in the spelling of the word *forty*. Compare the location of the *r* in three to its position in the word *thirty*. Ask the students to point to the words *twenty* and *three*. Tell them that we put a hyphen between the two words to join them together and make them one word. Tell the students to write the word *forty* on a piece of paper. Have them write the word *six* next to it. Explain to the students that these numbers mean two different sets—one set of *forty* and one set of *six*. They must add a hyphen between the words to show they mean one set of forty-six. Point to the word seventy-one on page 8 and have the students say it aloud.

NUMBER WORDS TO 99 | Unit 6

8 | Sect

2. NUMBER WORDS TO 99

	1	one	11	eleven
	2	two	12	twelve
	3	three	13	thirteen
	4	four	14	fourteen
	5	five	15	fifteen
	6	six	16	sixteen
	7	seven	17	seventeen
	8	eight	18	eighteen
	9	nine	19	nineteen
	10	ten	23	twenty-three
	20	twenty	46	forty-six
	30	thirty	71	seventy-one
	40	forty		
	50	fifty		Г. г.
	60	sixty	•	
	70	seventy		
	80	eighty	P	
	90	ninety		
		-		
tion 2				
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PAGE 11: NUMBER WORDS

MATERIALS NEEDED

• pencils

Concept:

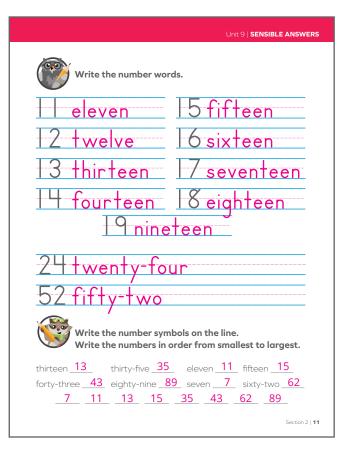
number words to ninety-nine

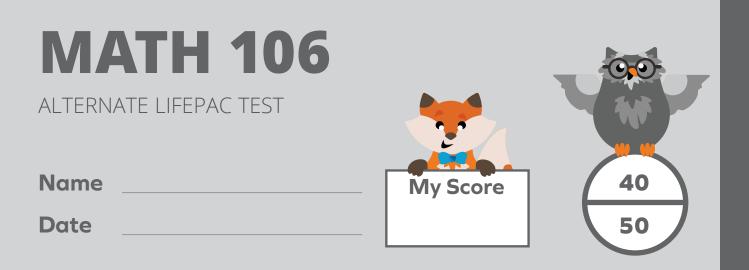
Teacher Goal:

To teach the children to write number words to ninety-nine.

Teaching Page 11:

Turn to page 11. Read the directions with the students. In the first section, have them write the numbers in words on each line. Remind the students to use hyphens. Tell them to use good posture and to hold their pencils correctly. In the last section, the children should write the numbers using number symbols and then arrange the numbers in number order.





Each answer = 1 point, except where otherwise noted

Write the answer to the facts.

6	9	4	10	8	7
				- 0	- 5

Count by 2's, 5's, and 10's. (each row, 1 point)



Circle the odd numbers. (2 points)

10 27 39 82 46 73 55