	Algebra2go®
	Place value
Objective 1	Determine the place value of a digit in a
, 	number.
	The position of a digit in a number
	determines its place value.
	Example 1: Find a pattern for place value in
	390,584,726. <u>One-millions place.</u> <u>Ten-millions place.</u> <u>Hundred-millions place.</u> <u>Hundred-millions place.</u> <u>Hundred-thousands place.</u> <u>Hundred-thousands place.</u>
	Answer the following homework questions using the whole number given in Example 1.
	1) What pattern occurs with place values?
	2) How are the commas being used?
	з) what is the place value of the 9?
	4) The 4 is in which thousands place?
	5) The digit to the left of the decimal is which place value?
Dacid of	6) How many dígíts are always placed between two commas?

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Objectíve 2	Learn how to say and write numbers using digits.
	Note: Each group of three dígits in a number is called a period.
	Example 2: Define each period in the number below.
	34,436,781,525,372
	Example 3: Write each of the following word statements as a number using digits.
	a) Four thousand, three hundred twelve.
	b) Eighty seven thousand, one hundred forty-one. c) Seven hundred fifty three thousand five
Page 2 of 4	hundred nínety-eíght.

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	Example 4: Write each of the following
	numbers as a word statement.
	a) 3,501
	b) 43,862
	c) 704,016
Objective З	Learn how to write numbers in expanded
	form.
	understanding place value allows us to
	represent a large number as a simple addition
	problem. Seeing numbers in this form is a
	good way to develop good addition techniques!
	Example 5: Write each of the following
	numbers in expanded form.
	a) 856
	b) 1,397
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	C) 23,512
	d) 105,408
	Example C. Calquilate the much ber witten in
	expanded from by performing each addition
	a) 500 + 80 + 7 =
	b) $2,000 + 300 + 50 + 9 =$ c) $40,000 + 2,000 + 40 + 1 =$
	d) $200,000 + 7,000 + 600 =$ Answer the following homework questions
	7) Write the following word statement as a number using
	dígíts; Two thousand, seven hundred thírty-eight.
	8) Write the following number as a word statement; 406,348.
	9) Write the number 315,006 in expanded form.
Dage 4 of 1	10) What number ís equal to 70,000 + 5,000 + 80 + 3?