NAME: _____

Write each number in exponent form.

ten thousand _____   10 _____

10 x 10 x 10 x 10 x 10 x 10 _____   ten cubed _____

Fill in the blanks to make each statement true.

1,000 is equal to ten to the _____ power.

1 is equal to ten to the _____ power.

10,000,000 is equal to ten to the _____ power.

Operation Arrays

Fill in the operation signs (+, -, ×, ÷) to complete the equations in each row and each column. Do at least one grid.

Grid 1

14		2	=	7
	■		■	
5		1	=	4
=	■	=	■	=
9		3	=	3

Grid 2

17		3	=	14
	■		■	
5		2	=	7
=	■	=	■	=
12		6	=	2

Grid 3

20		2	=	10
	■		■	
4		4	=	1
=	■	=	■	=
5		6	=	11

In each row, at least one equation is not true. Circle the true equations in each row.

$9 \times 3 = 27$	$9 \div 27 = 3$	$27 \div 3 = 9$	$3 \div 27 = 9$
$28 \div 7 = 4$	$7 \div 28 = 4$	$7 \times 28 = 4$	$4 \div 28 = 7$
$5 \div 45 = 9$	$45 \div 9 = 5$	$9 \times 5 = 45$	$5 \times 9 = 45$

Fill in the blanks. Write the numbers in standard, expanded, or written forms.

Standard Form	Expanded Form	Written Form
	$1,000,000 + 400,000$ $+ 6,000 + 60$	one million four hundred six thousand sixty
	$7 \times 10^5 + 3 \times 10^4 + 8 \times 10^1$	
3,812,111		

Identify each statement as true or false.

_____ The value of the 6 in the number 467,012 is equivalent to 6×10^5.

_____ The value of the 3 in the number 29,835 is equivalent to 3×10^2.

_____ The value of the 8 in the number 81,957 is equivalent to 8×10^4.