Assessment For The California Mathematics Standards Grade 3

Introduction: Summary of Goals

GRADE THREE

By the end of grade three, students deepen their understanding of place value and their understanding of and skill with addition, subtraction, multiplication, and division of whole numbers. Students estimate, measure, and describe objects in space. They use patterns to help solve problems. They represent number relationships and conduct simple probability experiments.

	A	SSE	essment I	For The	Californ Grade	ia Mather e 3	natics Stand	lards
				ß	Number	Sense		
NS 1	1.1a	۵	Circle the	number tw	o thousand	, five hundre	ed sixteen:	
			1,244	1,424	2,651	2,516	216	
		b.	Circle the	number on	e thousand	, one:		
			101	1,001	1,010	1,100		
		C.	Circle the	number nir	ne thousanc	l, four hundr	red:	
			9,040	940	9,400	9,004		
NS	1.16	a.	Write the 1. three 2. six the 3. eight	following r thousand, s ousand, for thousand, t	numbers: six hundrec "ty-three "wo	l twenty-fou	r	
		b.	What is th	ne next col	inting numb	er after 9,9	99?	
NS	1.2	W	rite these r 8,201	numbers in 8,	order, begi 012	nning with t 8,102	he smallest: 812	

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In 6,934 there are: thousands ones tens hundreds
a. Round off 3,465 to the nearest hundred: b. Round off 3,465 to the nearest thousand:
 a. Write the expanded notation for 8,256: 8,256 = + + b. Write the number that goes in the blank: 2,000 + + 30 + 9 = 2,739

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NS 2.1	Solve these problems:							
	a. 591 <u>+ 87</u>	b. 1,283 <u>+ 6,074</u>	c. 3,215 <u>- 2,806</u>	d. 300 <u>- 27</u>				

	Assessment For The California Mathematics Standards										
	Grade 3										
	Allow students three minutes to do these problems										
N5 2,2	8 <u>x1</u>	2 <u>x 7</u>	1 <u>× 6</u>	5 <u>x 1</u>	2 <u>x 4</u>	1 <u>x 4</u>	3 <u>x 2</u>	2 <u>x 2</u>	7 <u>× 1</u>	1 <u>× 3</u>	
	4 _ <u>x 1</u>	7 <u>x 3</u>	9 <u>x 1</u>	6 <u>x 2</u>	2 <u>x 2</u>	3 <u>x 3</u>	8 <u>x 1</u>	4 <u>x 2</u>	1 <u>x 5</u>	2 <u>x 1</u>	
	5 <u>x 2</u>	2 <u>x 8</u>	4 <u>x 4</u>	2 <u>x 6</u>	9 <u>x 2</u>	3 <u>x 3</u>	7 <u>x 2</u>	3 <u>x 5</u>	2 <u>x 5</u>	1 <u>× 7</u>	
	2 <u>x 9</u>	3 <u>x 7</u>	7 <u>x 5</u>	3 <u>x 9</u>	3 <u>x 6</u>	2 <u>x 7</u>	2 <u>x 4</u>	3 <u>x 4</u>	4 <u>× 5</u>	3 <u>x 7</u>	
	3 _ <u>x 8</u>	5 <u>x 4</u>	9 <u>x 9</u>	5 <u>x 5</u>	5 <u>x 7</u>	4 <u>x 3</u>	5 <u>x 6</u>	6 <u>x 3</u>	5 <u>x 3</u>	4 <u>× 8</u>	
	4 _ <u>x 7</u>	5 <u>x 9</u>	7 <u>x 3</u>	4 <u>x 6</u>	5 <u>x 7</u>	6 <u>x 5</u>	9 <u>x 8</u>	6 <u>x 4</u>	4 <u>x 9</u>	7 <u>x 4</u>	
	7 <u>x7</u>	7 <u>x 6</u>	6 <u>x 8</u>	7 <u>x 9</u>	6 <u>x 6</u>	9 <u>x 7</u>	6 <u>x 8</u>	7 <u>× 8</u>	6 <u>x 7</u>	8 <u>x 7</u>	
	8 <u>x 3</u>	8 <u>x 9</u>	8 <u>x 5</u>	9 <u>x 3</u>	8 <u>x 4</u>	8 <u>x 8</u>	9 <u>x 4</u>	8 <u>x 6</u>	9 <u>× 5</u>	9 <u>x 6</u>	

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Here is a problem. Use multiplication to see if it is solved correctly. Show your work. $ \frac{29}{5 135} $
A Solve these problems: a. 465 b. 1384 c. 3482 x 3 x 4 x 5
Solve these problems: a. 3 168 b. 4 264 c. 6 546



	Asse	essment For The California Mathematics Standards Grade 3
N5 2.8	8 a.	You put 54 marbles into 6 bags, ending up with the same number of marbles in each bag. How many marbles would be in each bag if there were 6 bags?
		b. A tree was planted 54 years <i>before</i> 1961. How old was that tree in 1997?
NS 3.	1 Fil	Il in parts to show each fraction. Then circle the fractions that are <u>uivalent.</u>
		$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
NS 3.	1 Fil	Il in parts to show each fraction. Then circle the fractions to uivalent. $ \underbrace{2}_{6} \underbrace{1}_{4} \underbrace{1}_{3} \underbrace{2}_{4} $



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A	ssessment For The California Mathematics Standards Grade 3					
AF 1.4						
	a. Change 8 feet into inches. Show your work.					
	b. Change 9 feet into yards. Show your work.					



	Assessment For The California Mathematics Standards Grade 3
AF	1.5 [CONTINUED] b. 6 x 12 = 72
	1. What is 6 x (4 x 3)?
	2. What is (6 × 4) × 3?
AF	2.1 Pencils are 8¢ each. How much would 7 pencils cost?
I	
AF	2.2 Mr. Brown's class was doing a science experiment. There were 7 groups in the class. Each group got 4 test tubes. How many test tubes did the class use?













A	ssessment For	The Calif G	ornia Matl rade 3	nematics Standards
		Ste	atistics	
51.1	Circle the word the a. The sun will be sum with the sum w	hat describes will rise tomo certain d have an elep certain	the likelihood rrow. unlikely hant for a how unlikely	d of something happening: impossible use pet. impossible
\$1.2	I dropped a penny 1st tir 2nd ti 3rd ti 4th ti 5th ti 6th ti 7th ti 8th ti How many more t	v on the floor ne: me: me: me: me: me: me: me:	e. Here is wha tails tails heads tails heads tails heads occur than he	t happened: eads?

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51.3 Here are the results of an experiment in which a student flipped a coin:

First flip	Heads
Next flip	Tails
Next flip	Heads
Next flip	Tails
Next flip	Heads
Next flip	Tails

Make a bar graph to show the results:

