

# Assessment For The California Mathematics Standards Grade 1

## Introduction: Summary of Goals

### **GRADE ONE**

By the end of grade one, students learn to understand and use the concept of ones and tens in the place value number system. Students add and subtract small numbers with ease. They measure with simple units and locate objects in space. They describe data and analyze and solve simple problems.

# Assessment For The California Mathematics Standards Grade 1

## Number Sense

NS 1.1

a. Write these as numbers:

**forty-six** \_\_\_\_\_  
**seventeen** \_\_\_\_\_  
**fifteen** \_\_\_\_\_  
**sixty-four** \_\_\_\_\_  
**thirty-one** \_\_\_\_\_  
**ninety** \_\_\_\_\_

b. Write the numbers that you would say when you count forward from 63:

**63** **64** \_\_\_\_\_

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NS 1.2

If the statement is true, circle true. If the statement is false, circle false.

$4 < 3$ .....	true	false
$5 > 4$ .....	true	false
$19 = 19$ .....	true	false
$19 < 14$ .....	true	false
$23 > 18$ .....	true	false
$45 > 28$ .....	true	false
$92 < 84$ .....	true	false

# Assessment For The California Mathematics Standards

## Grade 1

NS 1.3

- a. Make up an addition or subtraction sentence that has 8 as the answer.

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

- b. Make up another math sentence that has 8 as the answer.

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

- c. Make up another math sentence that has 8 as the answer.

$$\underline{\quad\quad} - \underline{\quad\quad} = 8$$

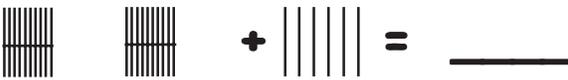
# Assessment For The California Mathematics Standards Grade 1

NS 1.4

There are 10 sticks in each bundle.

- 1) Write the number of sticks in group a.
- 2) Then write the number of sticks in group b.

a.  + = \_\_\_\_\_

b.  + = \_\_\_\_\_

# Assessment For The California Mathematics Standards Grade 1

NS 1.5

a. Encircle a group of coins that will equal 35 cents:

(10 cent coins)



(5 cent coins)



(1 cent coins)



b. Encircle a different group of coins that will equal 35 cents:

(10 cent coins)



(5 cent coins)



(1 cent coins)



# Assessment For The California Mathematics Standards Grade 1

Answer as many facts as you can in two minutes.

NS 2.1

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

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

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

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

$$\begin{array}{r} 2 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$$

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

$$\begin{array}{r} 4 \\ + 6 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 4 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 9 \\ \hline \end{array}$$

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

$$\begin{array}{r} 9 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$$

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

$$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 5 \\ \hline \end{array}$$

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

$$\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 6 \\ \hline \end{array}$$

# Assessment For The California Mathematics Standards Grade 1

NS 2.2

- a. Use these numbers to make two correct number sentences using addition:

$$\begin{array}{ccccccc} \mathbf{5} & \mathbf{2} & \mathbf{7} & \underline{\quad} & + & \underline{\quad} & = & \underline{\quad} \\ & & & \underline{\quad} & + & \underline{\quad} & = & \underline{\quad} \end{array}$$

- b. Use these numbers to make two correct number sentences using subtraction:

$$\begin{array}{ccccccc} \mathbf{5} & \mathbf{2} & \mathbf{7} & \underline{\quad} & - & \underline{\quad} & = & \underline{\quad} \\ & & & \underline{\quad} & - & \underline{\quad} & = & \underline{\quad} \end{array}$$

# Assessment For The California Mathematics Standards Grade 1

NS 2.3

Write the answers:

- a. One more than thirty-eight
  
- b. Ten more than sixty
  
- c. One less than twenty-seven
  
- d. Ten less than forty-six

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NS 2.4

a. Count by twos:

2    \_\_\_\_\_

b. Count by fives:

5    \_\_\_\_\_

c. Count by tens:

10    \_\_\_\_\_

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NS 2.5

Write the answers:

- a. I had 10 cupcakes, and I ate 3 of them. How many cupcakes do I have left? \_\_\_\_\_
  
- b. Jerry had 8 pencils. His brother gave him 4 more pencils. How many pencils does Jerry have now? \_\_\_\_\_
  
- c. Tim had 6 toy cars. Sam had 7 toy cars. How many cars did they have together? \_\_\_\_\_
  
- d. Ann read 12 books. Kelly read 4. How many more books than Kelly did Ann read? \_\_\_\_\_

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NS 2.6

Write the answers:

a.  $\begin{array}{r} 34 \\ + 23 \\ \hline \end{array}$

b.  $\begin{array}{r} 57 \\ - \quad 4 \\ \hline \end{array}$

c.  $\begin{array}{r} 16 \\ + 40 \\ \hline \end{array}$

d.  $\begin{array}{r} 35 \\ - \quad 3 \\ \hline \end{array}$

e.  $\begin{array}{r} 39 \\ - \quad 8 \\ \hline \end{array}$

f.  $\begin{array}{r} 42 \\ + \quad 4 \\ \hline \end{array}$

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NS 2.7

Write the answers:

a.  $5 + 3 + 2 = \underline{\quad}$

b.  $6 + 4 + 3 = \underline{\quad}$

# Assessment For The California Mathematics Standards Grade 1

NS 3.1

Kim has 62 trading cards. Lou has 20 trading cards. About how many more cards does Kim have than Lou? Circle the closest answer.

80

60

40

20

# Assessment For The California Mathematics Standards Grade 1

## Algebra and Functions

AF 1.1

Write a number sentence to solve this problem.

Marie had 9 pencils. She gave away 4 of the pencils.  
How many does Marie have left?

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# Assessment For The California Mathematics Standards Grade 1

AF 1.2

Fill in  $+$  or  $-$  to make the number sentence true:

a.  $5 \quad \underline{\quad} \quad 3 = 8$

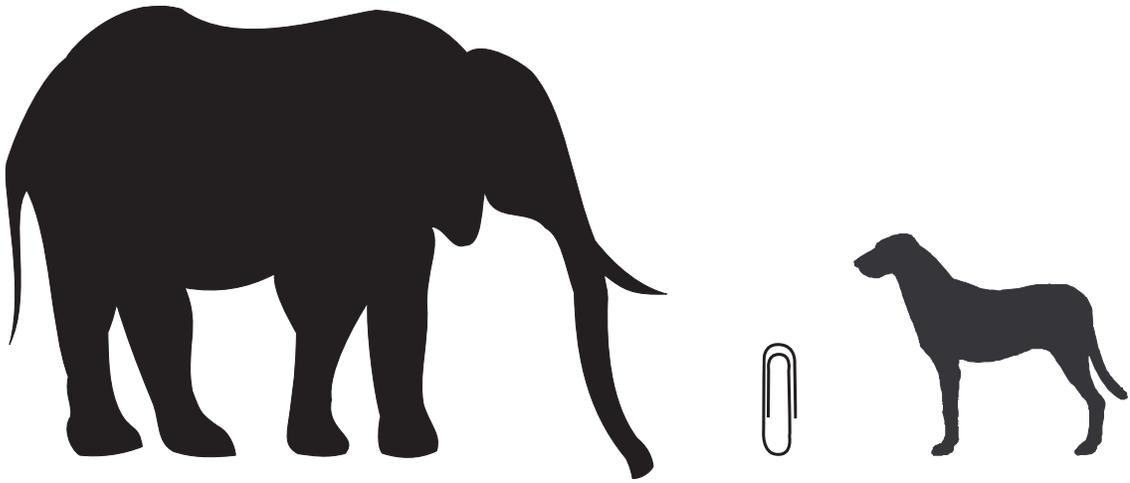
b.  $5 \quad \underline{\quad} \quad 3 = 2$

c.  $3 \quad \underline{\quad} \quad 4 = 7$

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## Measurement

MG 1.1



- a. About how many paper clips tall is the dog?
- b. About how many paper clips tall is the elephant?

# Assessment For The California Mathematics Standards Grade 1

MG 1.2

a. Is 10:30 a.m. before or after you eat lunch?

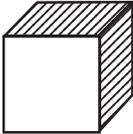
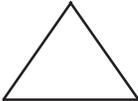
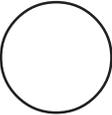
b. Is 2:30 p.m. before or after you eat lunch?

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## Measurement

MG 2.1

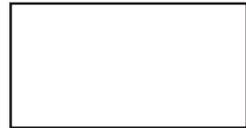
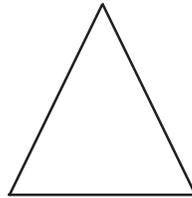
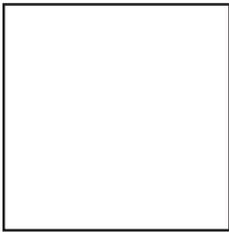
Write the letter of the correct answer next to the shape.

_____		A. triangle
_____		B. cube
_____		C. cylinder
_____		D. square
_____		E. rectangle that is not a square
_____		F. circle

# Assessment For The California Mathematics Standards Grade 1

MG 2.2

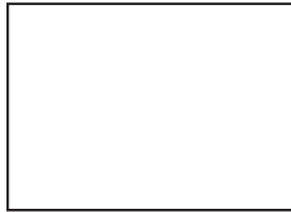
Circle the object that is not a rectangle:



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MG 2.3

- a. Write the letter A above the rectangle.
- b. Write the letter B below the rectangle.
- c. Write the letter C in the rectangle.
- d. Write the letter D to the right of the rectangle.

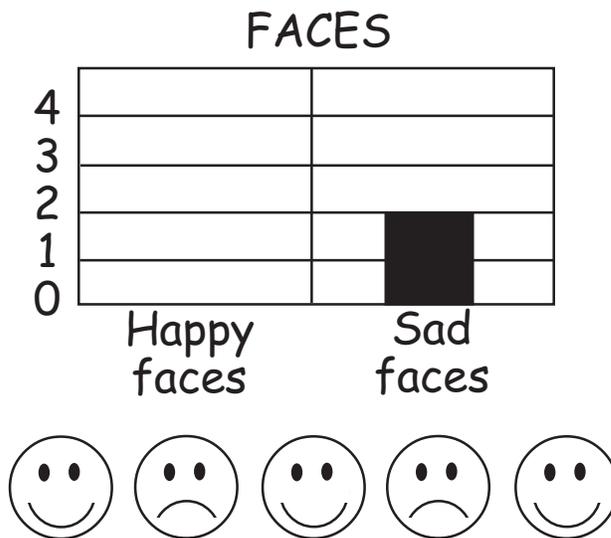


# Assessment For The California Mathematics Standards Grade 1

## Statistics, Data Analysis and Probability

S 1.1

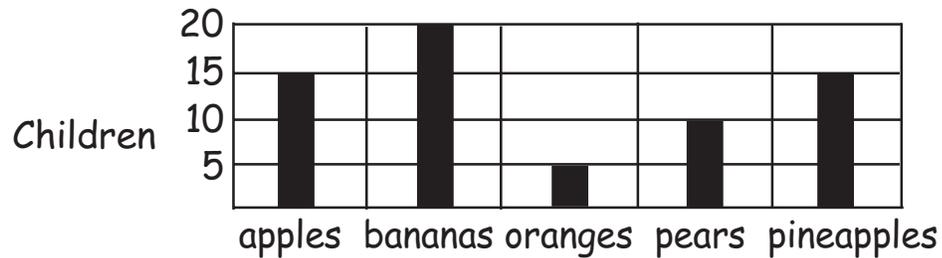
This graph shows how many sad faces there are. Draw a bar on the graph to show how many happy faces there are:



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S 1.2

This graph shows which fruit children like.



- How many children like apples? \_\_\_\_\_
- Which fruit do the most children like? \_\_\_\_\_
- Which fruit do the fewest children like? \_\_\_\_\_

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S 1.2

Kim did a survey of her class to see which flavor ice cream students liked. The chart below shows her results. Read the chart and answer the questions.

Flavors	Students
Chocolate	
Vanilla	
Strawberry	

- Which ice cream flavor did students like the most?
- How many students like vanilla?
- How many more students chose chocolate than chose vanilla?

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S 2.1

Look at the pattern below determined by the first three objects. Draw the next shape in the blank.

