

Math Mammoth Grade 1 Answer Keys

for the complete curriculum
(Light Blue Series)

Includes answer keys to:

- Worktext part A
- Worktext part B
- Tests
- Cumulative Reviews

By Maria Miller

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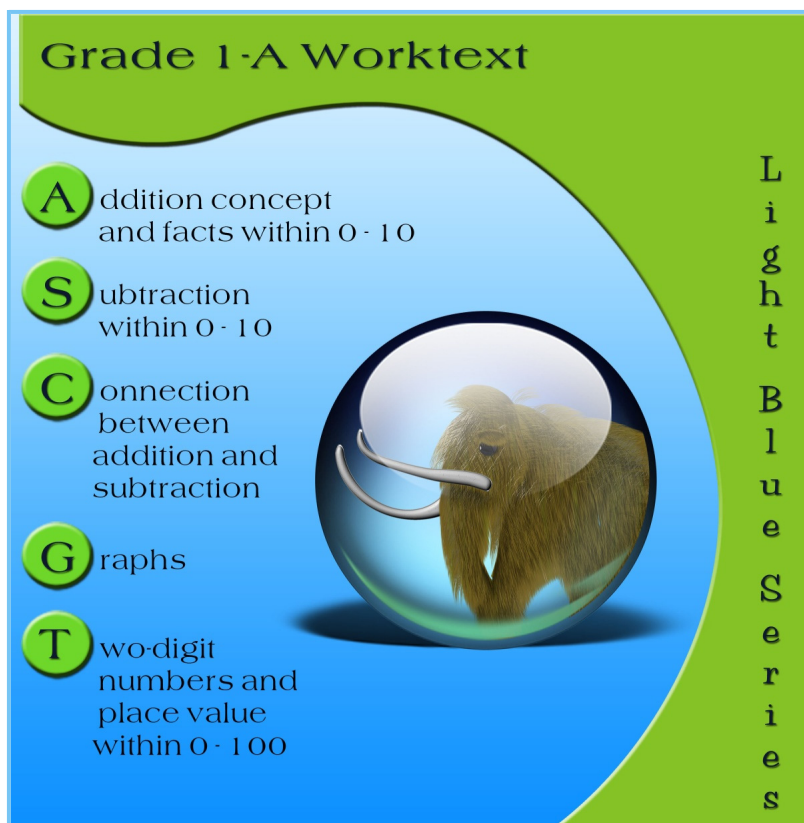
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Math Mammoth Grade 1-A Answer Key



By Maria Miller

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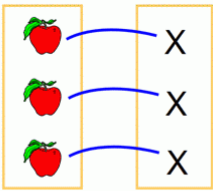
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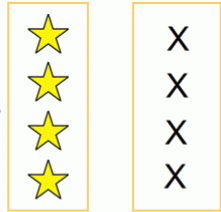
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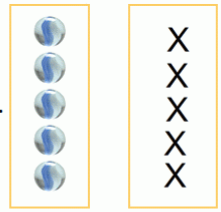
Chapter 0: Kindergarten Review


Equal Amounts; Same and Different, p. 7

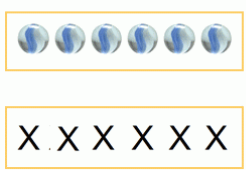
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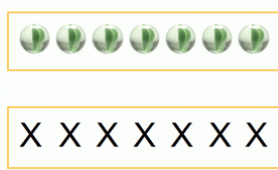
a. 

b. 





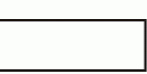















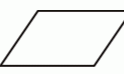










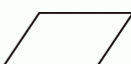

c. 

d. 

e. 

f. 

2.

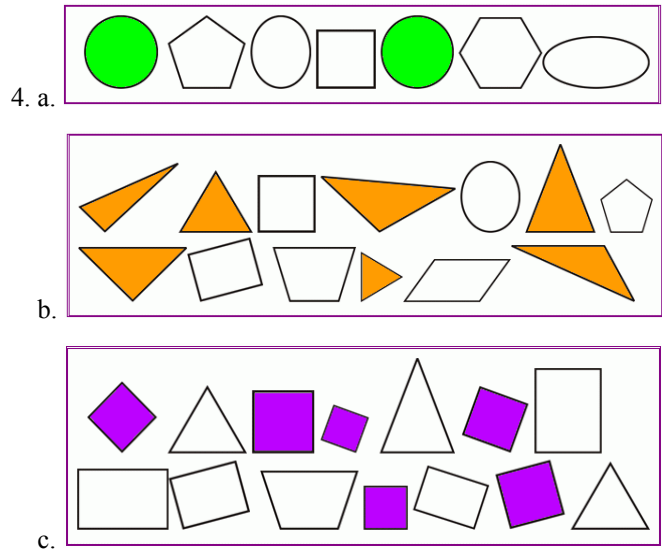
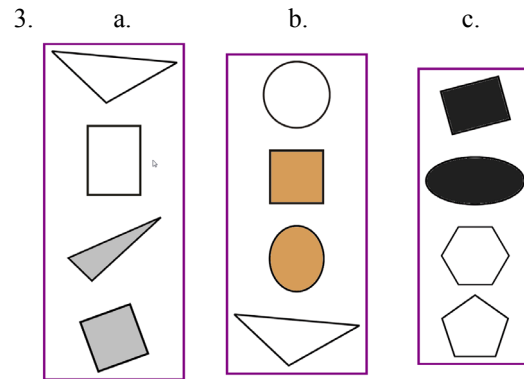
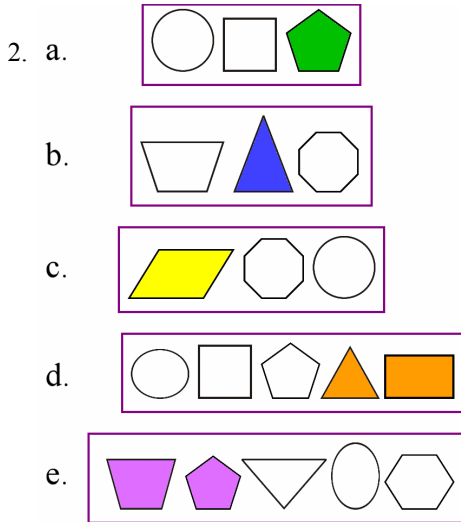
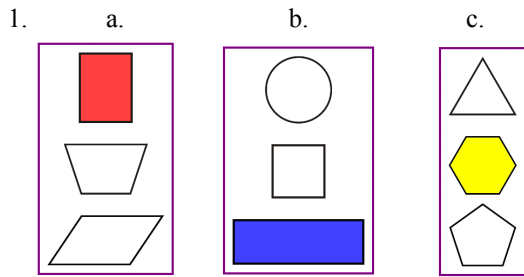
Writing Numbers, p. 8

- Check the student's work.
- a. 4 b. 2 c. 0 d. 3 e. 1 f. 2
- Check the student's work.
- a. 6 b. 5 c. 3 d. 7 e. 8 f. 9

Counting, p. 10

- a. 3 b. 2 c. 5 d. 4 e. 6 f. 5 g. 9 h. 8
- a. 7, 6 7 is more b. 3, 4 4 is more c. 12, 10 12 is more d. 6, 7 7 is more
- a. 4 b. 9 c. 8
- a. 4 is more; the total is 6. b. 6 is more; the total is 11. c. 6 is more; the total is 10.
d. 10 is more; the total is 19. e. 8 is more; the total is 14. f. 7 is more; the total is 13.

Position Words, Colors, and Shapes, p. 12



Patterns, p. 14

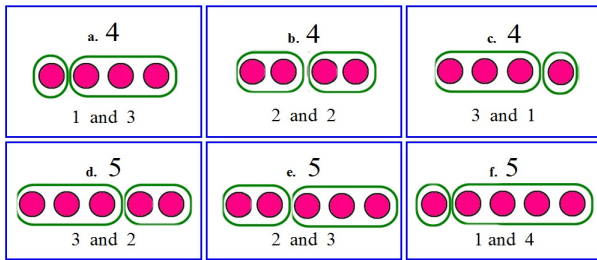
1. a. A white triangle. b. A white square. c. A white square. d. A purple square.
 e. A yellow square. f. A red circle. g. A blue circle.

2. 5, 6, 7, 8, 9, 10
 5, 4, 3, 2, 1, 0

Chapter 1: Addition Within 0-10

Two Groups and a Total, p. 19

1.



2. a. 3 b. 2 c. 1
d. 1 e. 2 f. 3
g. 4 h. 0 i. 5

3. The answers will vary.

Please check the student's work.

4. a. 1 and 2 b. 4 and 2 c. 2 and 3
d. 3 and 1 e. 3 and 3 f. 1 and 4

5. a. $2 + 1 = 3$ b. $3 + 1 = 4$ c. $2 + 2 = 4$
d. $2 + 3 = 5$ e. $1 + 3 = 4$ f. $1 + 1 = 2$
g. $3 + 2 = 5$ h. $4 + 1 = 5$ i. $1 + 2 = 3$

6. a. 4 b. 4 c. 6 d. 5

Learn the Symbols + and =, p. 22

1. a. 4 b. $1 + 2 = 3$
c. $3 + 2 = 5$ d. $1 + 4 = 5$
e. $2 + 3 = 5$ f. $1 + 1 = 2$
g. $2 + 2 = 4$ h. $3 + 2 = 5$
i. $3 + 1 = 4$ j. $2 + 2 = 4$

2. a. $1 + 3 = 4$ b. $3 + 2 = 5$
c. $2 + 3 = 5$ d. $2 + 1 = 3$

3. a. $2 + 0 = 2$ b. $3 + 0 = 3$ c. $4 + 0 = 4$
d. $0 + 2 = 2$ e. $0 + 5 = 5$ f. $1 + 0 = 1$
g. $0 + 3 = 3$ h. $0 + 0 = 0$

4. a. $1 + 3 = 4$ b. $2 + 2 = 4$ c. $4 + 1 = 5$
d. $2 + 0 = 2$ e. $3 + 2 = 5$ f. $0 + 1 = 1$
g. $2 + 1 = 3$ h. $3 + 0 = 3$ i. $1 + 1 = 2$
j. $2 + 3 = 5$

Addition Practice 1, p. 25

1. a. $2 + 1 = 3$ b. $3 + 2 = 5$ c. $1 + 2 = 3$
d. $4 + 1 = 5$ e. $2 + 3 = 5$ f. $0 + 4 = 4$
g. $2 + 2 = 4$ h. $1 + 0 = 1$ i. $3 + 1 = 4$

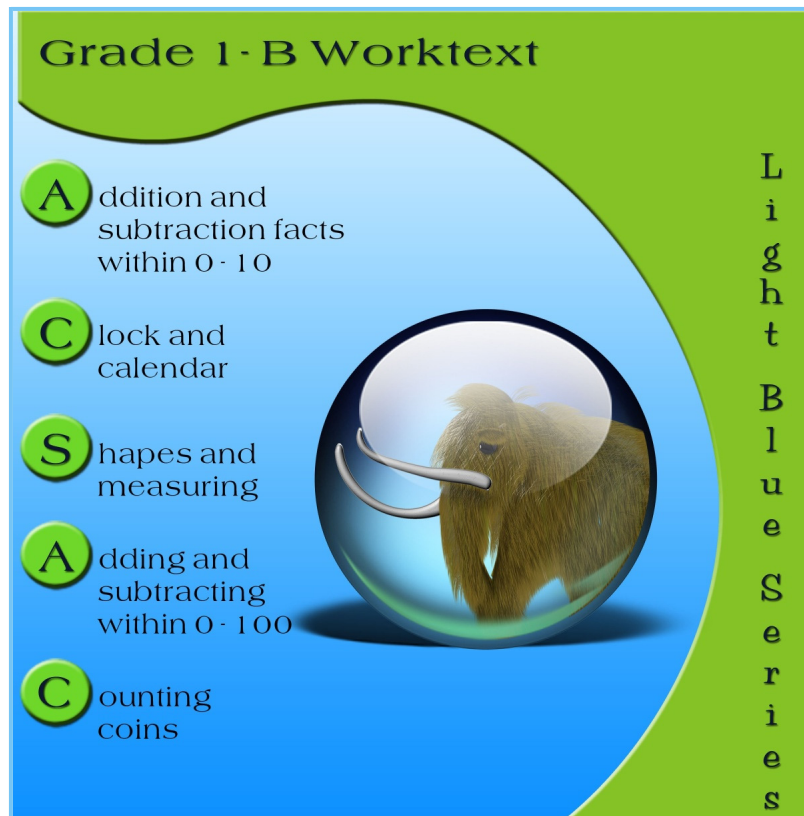
2. a. $2 + 2 = 4$ b. $1 + 3 = 4$ c. $0 + 5 = 5$
d. $4 + 1 = 5$ e. $2 + 3 = 5$ f. $1 + 3 = 4$

3. a. $1 + 2 = 3$ b. $3 + 0 = 3$ c. $2 + 2 = 4$
d. $2 + 3 = 5$ e. $1 + 4 = 5$ f. $0 + 5 = 5$
g. $3 + 2 = 5$ h. $2 + 1 = 3$ i. $4 + 1 = 5$

4. b. $1 + 2 = 3$, $2 + 1 = 3$ c. $3 + 1 = 4$, $1 + 3 = 4$
d. $1 + 4 = 5$, $4 + 1 = 5$ e. $0 + 2 = 2$, $2 + 0 = 2$
f. $5 + 0 = 5$, $0 + 5 = 5$

Math Mammoth Grade 1-B

Answer Key



By Maria Miller

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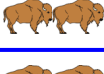


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Chapter 4: Addition and Subtraction Facts

Addition and Subtraction Facts with 4 and 5, p. 10

Facts with 5		$5 + 0 = 5$	$5 - 5 = 0$
		$0 + 5 = 5$	$5 - 0 = 5$
		$4 + 1 = 5$	$5 - 4 = 1$
		$1 + 4 = 5$	$5 - 1 = 4$
		$3 + 2 = 5$	$5 - 3 = 2$
		$2 + 3 = 5$	$5 - 2 = 3$

1. a. 1, 3, 4, 2 b. 3, 4, 1, 2 c. 5, 1, 3, 3 d. 4, 1, 4, 2

2.

$5 - 4$	$2 + 3$	$4 - 4$	$1 + 2$	$4 - 2$	$1 + 3$
$2 + 2$	$3 - 2$	$5 - 0$	$0 + 0$	$5 - 2$	$1 + 1$
$0 + 2$	$5 - 1$	$0 + 1$	$1 + 4$	$0 - 0$	$4 - 1$

3.

$17 - 0 = 17$	$10 + 0 = 10$	$5 - 2 = 3$
$17 - 1 = 16$	$10 + 1 = 11$	$6 - 2 = 4$
$17 - 2 = 15$	$10 + 2 = 12$	$7 - 2 = 5$
$17 - 3 = 14$	$10 + 3 = 13$	$8 - 2 = 6$
$17 - 4 = 13$	$10 + 4 = 14$	$9 - 2 = 7$
$17 - 5 = 12$	$10 + 5 = 15$	$10 - 2 = 8$
$17 - 6 = 11$	$10 + 6 = 16$	$11 - 2 = 9$
$17 - 7 = 10$	$10 + 7 = 17$	$12 - 2 = 10$
$17 - 8 = 9$	$10 + 8 = 18$	$13 - 2 = 11$
$17 - 9 = 8$	$10 + 9 = 19$	$14 - 2 = 12$
$17 - 10 = 7$	$10 + 10 = 20$	$15 - 2 = 13$
$17 - 11 = 6$	$10 + 11 = 21$	$16 - 2 = 14$
$17 - 12 = 5$	$10 + 12 = 22$	$17 - 2 = 15$
<i>etc.</i>	<i>etc.</i>	<i>etc.</i>

Test Answer Keys

Math Mammoth Grade 1 Tests Answer Key

Chapter 1 Test

Grading

My suggestion for grading the chapter 1 test is below. The total is 28 points. Divide the student's score by the total of 28 to get a decimal number, and change that decimal to percent to get the student's percentage score.

Question	Max. points	Student score
1	6 points	
2	8 points	
3	6 points	

Question	Max. points	Student score
4	4 points	
5	4 points	
Total	28 points	

1. a. 6 b. 9 c. 8 d. 10 e. 9 f. 9
 2. a. < b. < c. < d. = e. > f. > g. < h. =
 3. a. $4 + 6 = 10$ b. $3 + 4 = 7$ c. $5 + 5 = 10$
 4. 5 b. 3 c. 6 d. 2
 5. a. They have 10 stuffed animals. $7 + 3 = 10$ b. Six pairs are not in the wash. $2 + 6 = 8$ (or $8 - 2 = 6$).

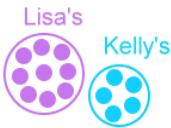
Chapter 2 Test

Grading

My suggestion for grading the chapter 2 test is below. The total is 30 points. Divide the student's score by the total of 30 to get a decimal number, and change that decimal to percent to get the student's percentage score.

Question	Max. points	Student score
1	4 points	
2	4 points	
3	6 points	

Question	Max. points	Student score
4	16 points	
Total	30 points	

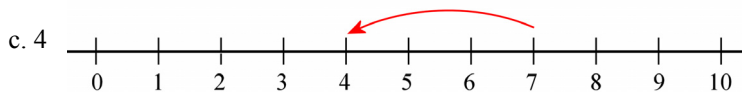
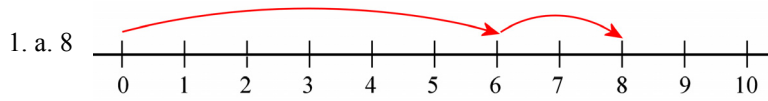
1. $2 + 6 = 8$; $6 + 2 = 8$; $8 - 2 = 6$; $8 - 6 = 2$
 2. a. $9 - 5 = 4$ or $9 - 4 = 5$ b. $6 + 4 = 10$; $10 - 6 = 4$
 3. a. There are 6 cats. b.  c. There are 5 more robins than sparrows.
 4. a. 2, 7, 5, 3 b. 6, 2, 7, 6 c. 9, 6, 2, 6 d. 1, 1, 0, 3

Cumulative Reviews

Answer Keys

Answers: Cumulative Review Grade 1

Cumulative Review: Chapters 1 - 2



2. a. $4 + 6 = 10$ $10 - 4 = 6$
 b. $5 + 3 = 8$ $8 - 5 = 3$



3. a. 7 b. 10 c. 4 d. 9 e. 7

4. a. 7 b. 6 c. 7

5. a. = b. < c. < d. = e. = f. >

6. a. 10, 8 b. 9, 8 c. 7, 5 d. 7, 5

7.

 a. $6 + 1 + 3 = 10$	 b. $1 + 4 + 3 = 8$
--	---

8.

a. Numbers: 9, 5, 4 $5 + 4 = 9$ $4 + 5 = 9$ $9 - 5 = 4$ $9 - 4 = 5$	b. Numbers: 10, 2, 8 $2 + 8 = 10$ $8 + 2 = 10$ $10 - 2 = 8$ $10 - 8 = 2$
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9.

 Jane  Greg a. Jane has 2 more than Greg.	 Luis  Henry b. Luis has 4 more than Henry.
 Jill  Bill c. Jill has 2 fewer than Bill.	 Jim  Ann d. Ann has 3 fewer than Jim.