

Math Mammoth Grade 1-B Tests Answer Key

Chapter 4 Test

Grading

My suggestion for grading the chapter 4 test is below. The total is 32 points. Divide the student's score by the total of 32 to get a decimal number, and change that decimal to percent to get the student's percentage score.

Question	Max. points	Student score
1	14 points	
2	6 points	

Question	Max. points	Student score
3	12 points	
Total	32 points	

1. a. 6, 5, 7, 4 b. 7, 6, 4, 8 c. 8, 7, 4, 9 d. 3, 1, 6, 5 e. 1, 0, 2, 5 f. 6, 1, 3, 2 g. 4, 1, 1, 3

2. a. Liz now has $3 + 5 = 8$. So Liz has $8 - 7 = 1$ more.

b. $2 + 4 = 6$ and $6 - 3 = 3$. So Dan now has 3 boxes of nails.

3.

a.

$\underline{7} - 4 = 3$	$8 - 3 = \underline{5}$
$3 + \underline{2} = 5$	$\underline{4} + 3 = 7$
$8 - \underline{3} = 5$	$5 - 2 = \underline{3}$

b.

$2 + \underline{4} = 6$	$\underline{7} - 4 = 3$
$7 - \underline{3} = 4$	$\underline{9} - 6 = 3$
$\underline{6} + 3 = 9$	$2 + 4 = \underline{6}$

Chapter 5 Test

Grading

My suggestion for grading the chapter 5 test is below. The total is 34 points. Divide the student's score by the total of 34 to get a decimal number, and change that decimal to percent to get the student's percentage score.

Question	Max. points	Student score
1	8 points	
2	12 points	
3	10 points	

Question	Max. points	Student score
4	4 points	
Total	34 points	

1. a. 1 o'clock b. half past 5 c. 7 o'clock d. half past 12
 2. a. half past 3 or 3:30 b. 9 o'clock or 9:00 c. half past 2 or 2:30 d. half past 11 or 11:30
 3.

Now it is:	a. 6:00	b. 9:30	c. 10:00	d. 4:30	e. 12:30
a half-hour later, it is:	6:30	10:00	10:30	5:00	1:00
an hour later, it is:	7:00	10:30	11:00	5:30	1:30

4. a. AM b. PM c. AM d. PM

Chapter 6 Test

Grading

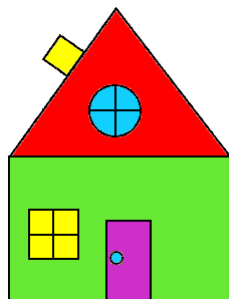
My suggestion for grading the chapter 6 test is below. The total is 9 points. Divide the student's score by the total of 9 to get a decimal number, and change that decimal to percent to get the student's percentage score.

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

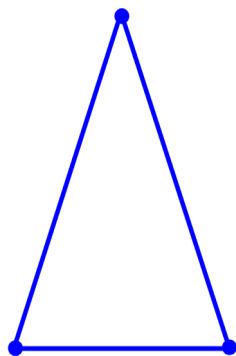
Question	Max. points	Student score
4	2 points	
Total	9 points	

1. a. rectangle b. triangle

2.



3.



The bottom side is 2 inches, the other two are 3 inches.
(image not to scale) It is a triangle.

4. a. 4 inches.



- b. 12 centimeters.



Chapter 7 Test

Grading

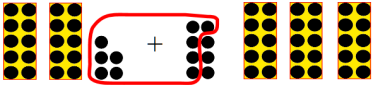
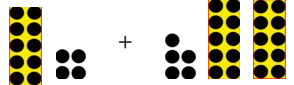
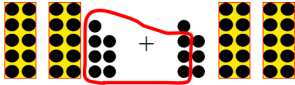
My suggestion for grading the chapter 7 test is below. The total is 33 points. Divide the student's score by the total of 33 to get a decimal number, and change that decimal to percent to get the student's percentage score.

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

Question	Max. points	Student score
4	8 points	
5	6 points	
Total	33 points	

1. a. 26, 46 b. 70, 86 c. 70, 10

2.

 a. $25 + 38 = 63$	 b. $14 + 25 = 39$	 c. $27 + 27 = 54$
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3. a. 18 b. 13 c. 13 d. 15

4. a. $20 + 57$ b. $78 - 44$ c. $45 + 13$ d. $87 - 20$

$$\begin{array}{r} 20 \\ + 57 \\ \hline 77 \end{array}$$

$$\begin{array}{r} 78 \\ - 44 \\ \hline 34 \end{array}$$

$$\begin{array}{r} 45 \\ + 13 \\ \hline 58 \end{array}$$

$$\begin{array}{r} 87 \\ - 20 \\ \hline 67 \end{array}$$

5. Jake has more money (he has now \$16). Jake has 4 dollars more than Jim.

Chapter 8 Test

Grading

My suggestion for grading the chapter 8 test is below. The total is 13 points. Divide the student's score by the total of 13 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	3 points	

Question	Max. points	Student score
3	4 points	
Total	13 points	

1. a. 11¢ b. 34¢ c. 39¢ d. 42¢ e. 58¢ f. 102¢

2. Answers may vary. For example:

- a. Two quarters, one dime, and three pennies. b. Three dimes, one nickel, and three pennies.
- c. Two quarters, one dime, one nickel, and four pennies.

3. a. 6¢ left. b. 23¢ left.

End-of-Year Test Grade 1 Answer Key

Instructions to the teacher:

My suggestion for grading is below. The total is 104 points. A score of 83 points is 80%. A score of 73 points is 70%.

Question	Max. points	Student score
Basic Addition and Subtraction Facts within 0-10		
1	8 points	
2	8 points	
3	4 points	
4	8 points	
<i>subtotal</i>		/ 28
Place Value and Two-Digit Numbers		
5	6 points	
6	4 points	
7	3 points	
<i>subtotal</i>		/ 13
Adding and Subtracting Two-Digit Numbers		
8	6 points	
9	6 points	
10	4 points	
11	3 points	
<i>subtotal</i>		/ 19

Question	Max. points	Student score
Basic Word Problems		
12	2 points	
13	2 points	
14	2 points	
15	2 points	
16	2 points	
17	6 points	
18	6 points	
<i>subtotal</i>		/ 22
Clock		
19	6 points	
20	4 points	
<i>subtotal</i>		/ 10
Geometry and Measuring		
21	2 points	
22	5 points	
<i>subtotal</i>		/ 7
Money		
23	3 points	
24	2 points	
<i>subtotal</i>		/ 5
TOTAL		/ 104

End-of-Year Test, Grade 1

1. a. 5, 8, 7, 9 b. 10, 9, 9, 8 c. 8, 10, 7, 8 d. 10, 6, 10, 8
2. a. 5, 2, 4, 1 b. 2, 3, 3, 3 c. 4, 5, 1, 3 d. 7, 1, 2, 2
3. a. $2 + 7 = 9$; $7 + 2 = 9$; $9 - 2 = 7$; $9 - 7 = 2$
4. a. 5, 5 b. 7, 8 c. 2, 6 d. 5, 4
5. a. 27, 65 b. 50, 9 c. 0, 90
6. a. $16 < 26 < 61$ b. $14 < 51 < 54$
7. a. $<$ b. $<$ c. $=$
8. a. 88, 45 b. 76, 18 c. 79, 59
9. a. 50, 14 b. 52, 60 c. 26, 48
10. a. 49 b. 25 c. 96 d. 36
11. The child can circle some of the dots to make a ten in (a) and (b). That makes it easier to see the total.
a. 53 b. 50 c. 49

12. $14 - 8 = 6$ or $14 - 6 = 8$

13. 20 more

14. Mark's cars  Henry's cars 

15. $10 - 6 = 4$ girls

16. The books cost $\$10 + \$5 = \$15$. Andy has left: $\$20 - \$15 = \$5$.

17. a. 8 spaces b. 24 cars c. 6 spaces

18. a. Now Isabelle has 60 marbles. b. Her sister has 65 marbles.
c. Her sister has more; five more marbles.

19. a. 11 o'clock, 11:00 b. half past one, 1:30 c. half past 8, 8:30

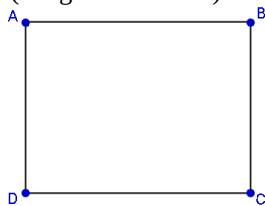
20.

Now it is:	a. 5:30	b. 12:00
a half-hour later, it is:	6:00	12:30
an hour later, it is:	6:30	1:00

21. a. 

b. 

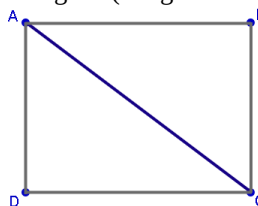
22. a. (image not to scale)



b. a rectangle

c. Side AB: 8 cm Side BC: 6 cm

22. d. triangles: (image not to scale)



23. a. 18¢ b. 42¢ c. 85¢

24. 69¢