

math

MAMMOTH

Skills Review Workbook

- Even & odd numbers and doubling
- Reading the clock
- Addition and subtraction facts within 18
- Adding two-digit numbers
- Geometry and fractions
- Three-digit numbers
- Measuring
- Graphs
- Regrouping
- Money
- Introduction to multiplication



- Word problems
- Sample worksheet from
www.mathmammoth.com

By Maria Miller

Grade 2

Copyright 2017 Maria Miller

EDITION 7/2017

All rights reserved. No part of this book may be reproduced or transmitted in any form or by any means, electronic or mechanical, or by any information storage and retrieval system, without permission in writing from the author.

Copying permission: For having purchased this book, the copyright owner grants to the teacher-purchaser a limited permission to reproduce this material for use with his or her students; however, no permission is granted for commercial resale of the material. In other words, the teacher-purchaser MAY print or otherwise make copies of the pages to provide them at no cost to his or her students. The copyright holder also grants permission to the purchaser to make an electronic copy of the material for the purpose of back-up in the event of the loss or corruption of the primary copy. If you have other needs, such as licensing for a school or tutoring center, contact the author at <http://www.MathMammoth.com/contact.php>

Contents

| | |
|--|----|
| Foreword | 6 |
| Chapter 1: Some Old, Some New | |
| Skills Review 1 | 7 |
| Skills Review 2 | 8 |
| Skills Review 3 | 9 |
| Skills Review 4 | 10 |
| Skills Review 5 | 11 |
| Skills Review 6 | 12 |
| Skills Review 7 | 13 |
| Skills Review 8 | 14 |
| Skills Review 9 | 15 |
| Chapter 2: Clock | |
| Skills Review 10 | 16 |
| Skills Review 11 | 17 |
| Skills Review 12 | 18 |
| Skills Review 13 | 19 |
| Skills Review 14 | 20 |
| Skills Review 15 | 21 |
| Skills Review 16 | 22 |
| Skills Review 17 | 23 |
| Chapter 3: Addition and Subtraction Facts Within 0-18 | |
| Skills Review 18 | 24 |
| Skills Review 19 | 25 |
| Skills Review 20 | 26 |
| Skills Review 21 | 27 |
| Skills Review 22 | 28 |
| Skills Review 23 | 29 |
| Skills Review 24 | 30 |
| Skills Review 25 | 31 |
| Skills Review 26 | 32 |
| Skills Review 27 | 33 |

| | |
|------------------------|----|
| Skills Review 28 | 34 |
| Skills Review 29 | 35 |
| Skills Review 30 | 36 |
| Skills Review 31 | 37 |
| Skills Review 32 | 38 |
| Skills Review 33 | 39 |
| Skills Review 34 | 40 |

Chapter 4: Regrouping in Addition

| | |
|------------------------|----|
| Skills Review 35 | 41 |
| Skills Review 36 | 42 |
| Skills Review 37 | 43 |
| Skills Review 38 | 44 |
| Skills Review 39 | 45 |
| Skills Review 40 | 46 |
| Skills Review 41 | 47 |
| Skills Review 42 | 48 |
| Skills Review 43 | 49 |

Chapter 5: Geometry and Fractions

| | |
|------------------------|----|
| Skills Review 44 | 50 |
| Skills Review 45 | 51 |
| Skills Review 46 | 52 |
| Skills Review 47 | 53 |
| Skills Review 48 | 54 |
| Skills Review 49 | 55 |
| Skills Review 50 | 56 |
| Skills Review 51 | 57 |

Chapter 6: Three-Digit Numbers

| | |
|------------------------|----|
| Skills Review 52 | 58 |
| Skills Review 53 | 59 |
| Skills Review 54 | 60 |
| Skills Review 55 | 61 |
| Skills Review 56 | 62 |
| Skills Review 57 | 63 |
| Skills Review 58 | 64 |
| Skills Review 59 | 65 |

Chapter 7: Measuring

| | |
|------------------------|----|
| Skills Review 60 | 66 |
| Skills Review 61 | 67 |
| Skills Review 62 | 68 |
| Skills Review 63 | 69 |
| Skills Review 64 | 70 |
| Skills Review 65 | 71 |
| Skills Review 66 | 72 |
| Skills Review 67 | 73 |

Chapter 8: Regrouping in Addition and Subtraction

| | |
|------------------------|----|
| Skills Review 68 | 74 |
| Skills Review 69 | 75 |
| Skills Review 70 | 76 |
| Skills Review 71 | 77 |
| Skills Review 72 | 78 |
| Skills Review 73 | 79 |
| Skills Review 74 | 80 |
| Skills Review 75 | 81 |
| Skills Review 76 | 82 |

Chapter 9: Money

| | |
|------------------------|----|
| Skills Review 77 | 83 |
| Skills Review 78 | 84 |
| Skills Review 79 | 85 |
| Skills Review 80 | 86 |
| Skills Review 81 | 87 |

Chapter 10: Exploring Multiplication

| | |
|------------------------|----|
| Skills Review 82 | 88 |
| Skills Review 83 | 89 |
| Skills Review 84 | 90 |
| Skills Review 85 | 91 |

| | |
|--------------------------------|----|
| Printable Cut-out Shapes | 93 |
|--------------------------------|----|

Foreword

Math Mammoth Grade 2 Skills Review Workbook has been created to complement the lessons in *Math Mammoth Grade 2* complete curriculum. It gives the students practice in reviewing what they have already studied, so the concepts and skills will become more established in their memory.

These review worksheets are designed to provide a spiral review of the concepts in the curriculum. This means that after a concept or skill has been studied in the main curriculum, it is then reviewed repeatedly over time in several different worksheets of this book.

This book is divided into chapters, according to the corresponding chapters in the *Math Mammoth Grade 2* curriculum. You can choose exactly when to use the worksheets within the chapter, and how many of them to use. Not all students need all of these worksheets to help them keep their math skills fresh, so please vary the amount of worksheets you assign your student(s) according to their needs.

Each worksheet is designed to be one page, and includes a variety of exercises in a fun way without becoming too long and tedious.

The answer key is separate and included in the zip file download.

I wish you success in teaching math!

Maria Miller, the author

(This page intentionally left blank.)

Skills Review 33

1. Starting at the top, find the **odd** numbers and color a path through the maze.

| | | | | |
|----|----|----|----|----|
| 7 | 12 | 2 | 10 | 4 |
| 16 | 19 | 10 | 14 | 6 |
| 8 | 11 | 18 | 22 | 16 |
| 13 | 28 | 20 | 18 | 4 |
| 10 | 25 | 16 | 12 | 24 |
| 22 | 31 | 50 | 30 | 32 |
| 36 | 24 | 39 | 36 | 28 |
| 42 | 46 | 43 | 40 | 46 |
| 72 | 41 | 46 | 48 | 42 |
| 53 | 50 | 48 | 56 | 54 |

2. Find the missing numbers.

a. $6 + \square = 14$

b. $\square - 8 = 5$

c. $13 - \square = 9$

d. $9 + \square = 14$

e. $\square + 7 = 14$

3. Solve these subtractions by thinking of the DISTANCE between two numbers.

a. $20 - 17 = \underline{\quad}$

b. $97 - 92 = \underline{\quad}$

c. $67 - 65 = \underline{\quad}$

4. Solve the word problems.

- a. On a nature hike, Mariah collected 9 rocks, 9 flowers, and 2 pine cones. Aaron collected 8 pine cones, 4 rocks, and 7 feathers.

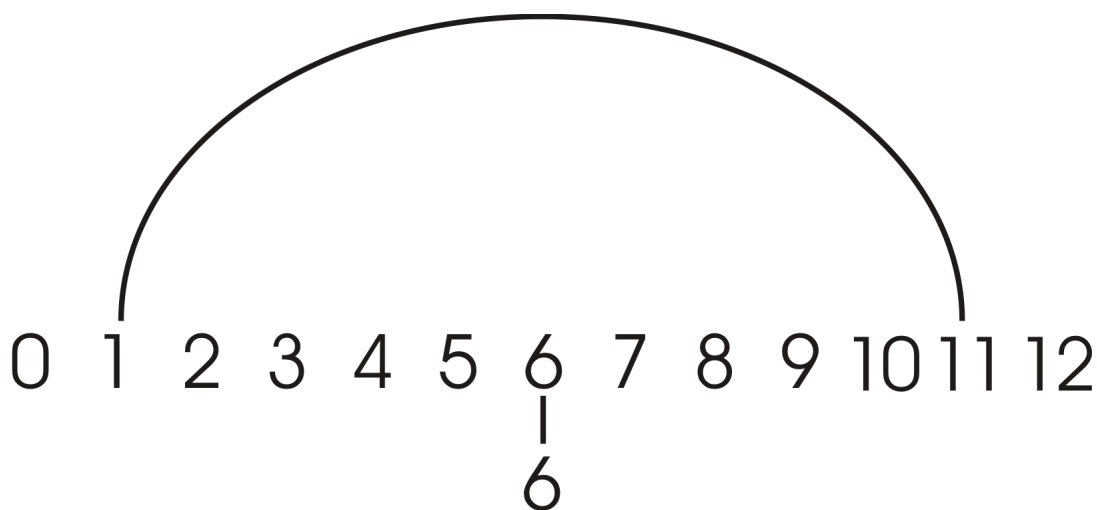
Who collected more items? How many more?

- b. Jim started putting a puzzle together at 2:30 and finished at 5:00. How long did it take him to put together the puzzle?

An hour and a half later, Jim had pizza for supper. What time did Jim eat supper?

Skills Review 34

1. Fill and color the number rainbow. Then practice the subtraction problems.



$12 - 8 = \square$

$12 - 3 = \square$

$12 - 4 = \square$

$12 - 9 = \square$

$12 - 6 = \square$

$12 - 10 = \square$

$12 - 7 = \square$

$12 - 5 = \square$

2. Add 8 to each number on the bottom. Notice the pattern!

| | | | | | | | | | | |
|---|----|----|----|----|----|----|----|----|----|----|
| | | | | | | | | | | |
| 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 |

3. Write the time using the expressions “past” or “till.”

a. 8:35 _____

b. 11:20 _____

4. First, subtract to the previous whole ten. Then, subtract some more.

| | | |
|---|---|---|
| <p>a. $61 - 8$</p> <p style="text-align: center;">/ \</p> <p>$61 - \underline{\quad} - \underline{\quad} = \underline{\quad}$</p> | <p>b. $43 - 7$</p> <p style="text-align: center;">/ \</p> <p>$43 - \underline{\quad} - \underline{\quad} = \underline{\quad}$</p> | <p>c. $82 - 9$</p> <p style="text-align: center;">/ \</p> <p>$82 - \underline{\quad} - \underline{\quad} = \underline{\quad}$</p> |
|---|---|---|

Skills Review 35


1. Find the missing numbers.

| | |
|----|--------------------------------------|
| a. | $7 + \underline{\hspace{2cm}} = 10$ |
| b. | $44 + \underline{\hspace{2cm}} = 50$ |
| c. | $12 + \underline{\hspace{2cm}} = 20$ |
| d. | $33 + \underline{\hspace{2cm}} = 40$ |

2. Find one-half of the given numbers.

| |
|---|
| $\frac{1}{2}$ of 24 is $\underline{\hspace{2cm}}$. |
| $\frac{1}{2}$ of 18 is $\underline{\hspace{2cm}}$. |
| $\frac{1}{2}$ of 14 is $\underline{\hspace{2cm}}$. |
| $\frac{1}{2}$ of 30 is $\underline{\hspace{2cm}}$. |
| $\frac{1}{2}$ of 32 is $\underline{\hspace{2cm}}$. |

3. Solve the puzzle to find out what Laura got for her birthday.

| | | | | | | | |
|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|
| $9 + 4$ | $15 - 7$ | $6 + 9$ | $8 + 8$ | $14 - 6$ | $5 + 7$ | $8 + 9$ |  |
| $\underline{\hspace{2cm}}$ | $\underline{\hspace{2cm}}$ | $\underline{\hspace{2cm}}$ | $\underline{\hspace{2cm}}$ | $\underline{\hspace{2cm}}$ | $\underline{\hspace{2cm}}$ | $\underline{\hspace{2cm}}$ | |

| | | | | | | |
|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| $13 - 6$ | $17 - 8$ | $7 + 7$ | $14 - 3$ | $6 + 8$ | $6 + 6$ | $7 + 10$ |
| $\underline{\hspace{2cm}}$ | $\underline{\hspace{2cm}}$ | $\underline{\hspace{2cm}}$ | $\underline{\hspace{2cm}}$ | $\underline{\hspace{2cm}}$ | $\underline{\hspace{2cm}}$ | $\underline{\hspace{2cm}}$ |

Key:

| | | | | | | | | | |
|----|---|---|----|----|----|----|----|----|---|
| L | P | I | R | C | Y | U | A | E | B |
| 12 | 8 | 9 | 16 | 14 | 11 | 15 | 13 | 17 | 7 |

4. Solve the word problems.

a. At 8:30, Bruce started painting the shed.
It took him four and a half hours to paint it.
What time did he finish?

b. Gwen had \$57. Then, she bought a doll
for \$14 and a sticker book for \$4.
How much money does she have left?

Skills Review 36

1. Complete the next ten.

| | | |
|---|---|---|
| a. $73 + \underline{\quad} = \underline{\quad}$ | b. $41 + \underline{\quad} = \underline{\quad}$ | c. $95 + \underline{\quad} = \underline{\quad}$ |
|---|---|---|

2. Subtract.

| | | |
|---------------------------------|---------------------------------|---------------------------------|
| a. $15 - 6 = \underline{\quad}$ | b. $17 - 9 = \underline{\quad}$ | c. $16 - 7 = \underline{\quad}$ |
| d. $18 - 9 = \underline{\quad}$ | e. $15 - 7 = \underline{\quad}$ | f. $17 - 8 = \underline{\quad}$ |

3. Harmony peeled 19 potatoes to make a big pot of potato soup and thought she was finished, but then her mom brought in 8 more potatoes that had been “hiding” in the back of the fridge. How many potatoes did she have to peel, in total?

4. a. Skippy Squirrel buried 33 acorns in the woods and Squeaky Squirrel buried 29. How many more acorns did Skippy Squirrel bury than Squeaky Squirrel?

b. Uh oh! Squeaky Squirrel can only remember where he buried 19 of his acorns. How many of his acorns did he lose?

5. Put the letters in order to make a word. The first letter of your new word is “C.”

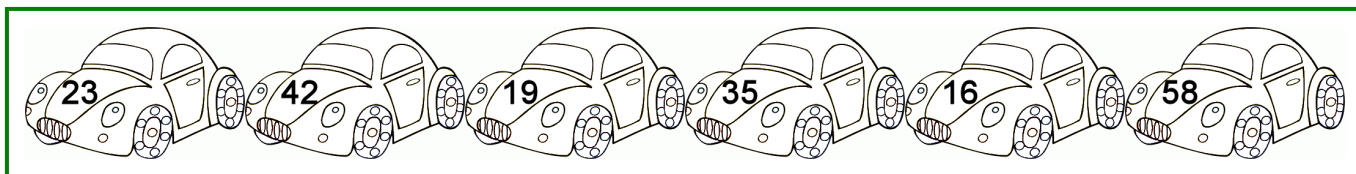
| | | | | | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| B | E | O | A | C | I | T | L | N | R | E |
| 5th | 2nd | 10th | 7th | 1st | 9th | 8th | 3rd | 11th | 6th | 4th |
| <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> |

6. Fill in the missing dates in the table. Use the calendar to help!

| Date 2 weeks ago | Date now | Date 2 weeks later |
|------------------|-------------|--------------------|
| | November 23 | |

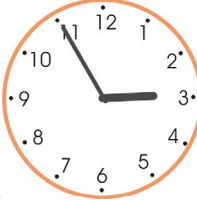
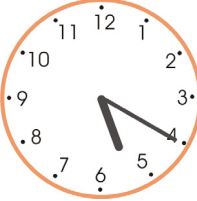
Skills Review 37

1. If the number is even, color the car blue. If the number is odd, color the car red.



2. Justin built a tower using 87 building blocks.
Oh no! Justin's pet goat, Peter, came and licked the tower, and 30 of the blocks fell down.
How many blocks are still standing?

3. Write the time that the clock shows, and the time 10 minutes later.

| | | |
|-----------------|---|---|
| | <p>a. </p> <p>_____ : _____</p> | <p>b. </p> <p>_____ : _____</p> |
| 10 min. later → | _____ : _____ | _____ : _____ |

4. Add or subtract.

a. $5 + \underline{\quad} = 11$

$8 + \underline{\quad} = 12$

b. $\underline{\quad} + 3 = 12$

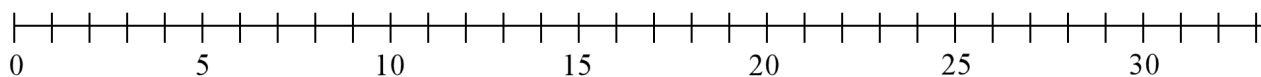
$\underline{\quad} + 7 = 11$

c. $12 - \underline{\quad} = 5$

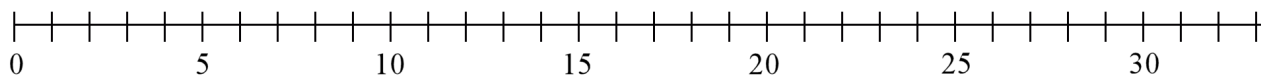
$11 - \underline{\quad} = 2$

5. Draw the lines to show the additions on the number line.

a. $17 + 9 = \underline{\quad}$



b. $16 + 15 = \underline{\quad}$



Skills Review 38

1. Add. Compare the problems.

a. $9 + 7 =$ _____

$69 + 7 =$ _____

b. $9 + 4 =$ _____

$49 + 4 =$ _____

2. Write the time an hour later, and then another half-hour later. Use numbers.

| | | |
|--------------------------------|----------|---------|
| Now it is: | a. 12:30 | b. 4:00 |
| An hour later, it is: | | |
| Plus a half-hour later, it is: | | |

3. Write $<$, $>$, or $=$.

a. $74 + 7$ $74 + 9$

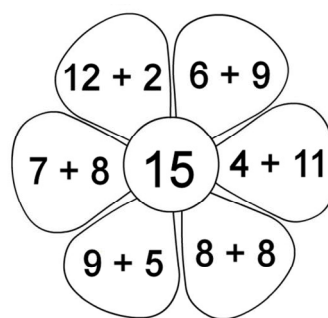
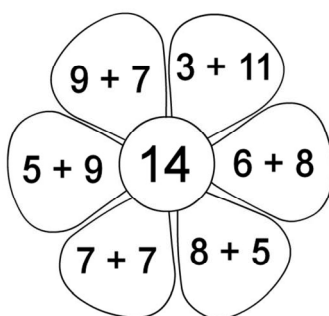
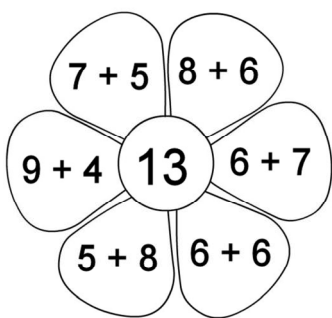
b. $30 - 5$ $30 - 8$

c. $\frac{1}{2}$ of 18 9

4. a. Caleb had too many hats! He gave half of his hats to his friend Corey, and then he had 15 hats left. How many hats did Caleb have originally?

b. Caleb still had too many hats! He gave 6 hats to the mailman. How many hats does Caleb have now?

5. Add in your head and color if the sum equals the number in the middle of the flower.



6. Find the differences.

a. The difference between 70 and 67

b. The difference between 100 and 96

Skills Review 39

1. Let's say it is March now. How many months is it...

...until July? _____ ...until October? _____ ...until December? _____

2. Add.

a. $17 + 9 =$ _____

b. $36 + 5 =$ _____

c. $78 + 7 =$ _____

3. Find the pattern and continue it.

a. $64 - 10 =$ _____

$64 - 20 =$ _____

$64 - \underline{\quad} =$ _____

$64 - \underline{\quad} =$ _____

$64 - \underline{\quad} =$ _____

$64 - \underline{\quad} =$ _____

4. Add or subtract.

a. $17 - 8 =$ _____

b. $9 + \underline{\quad} = 18$

c. $\underline{\quad} - 7 = 8$

d. $6 + 11 =$ _____

e. $14 - \underline{\quad} = 5$

f. $7 + \underline{\quad} = 16$

5. Solve the word problems.

a. On Friday, Daren ordered a book online and it arrived five days later. What day of the week did it arrive?

b. Grace got up at 7:30 this morning. What time did she go to sleep if she slept 8 hours?

Tomorrow morning, Grace has to get up an hour and a half earlier than she did today. What time will that be?

Skills Review 40

1. Fill in and color the number rainbow. Then practice the subtractions.



$13 - 7 = \square$

$13 - 4 = \square$

$13 - 9 = \square$

$13 - 10 = \square$

$13 - 5 = \square$

$13 - 6 = \square$

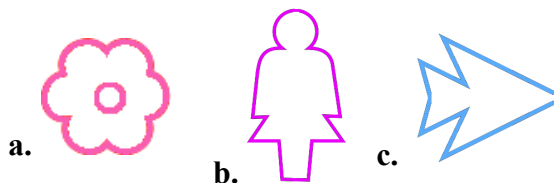
$13 - 11 = \square$

$13 - 8 = \square$

2. How many hours is it?

| | | |
|-------|-------------|------|
| from | 12 midnight | 5 AM |
| to | 12 noon | 3 PM |
| hours | | |

3. Divide these shapes into two halves.
Then color one half.



4. Add. Regroup if you can make a new ten from the ones.

$$\begin{array}{r} \text{a.} \quad 36 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b.} \quad 43 \\ + 45 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c.} \quad 57 \\ + 28 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d.} \quad 79 \\ + 16 \\ \hline \end{array}$$

$$\begin{array}{r} \text{e.} \quad 64 \\ + 26 \\ \hline \end{array}$$

5. Solve the problem. Write a number sentence, not just the answer.

Seth had \$28. Then the neighbor paid him \$7 for walking the dog. How much money does he have now?

Skills Review 41

1. Fill in the missing dates in the table. Use the calendar to help!

| Date 1 week ago | Date now | Date 1 week later |
|-----------------|-----------|-------------------|
| | August 26 | |

2. Add.

a.
$$\begin{array}{r} 47 \\ 25 \\ + 14 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 72 \\ 8 \\ + 36 \\ \hline \end{array}$$

c.
$$\begin{array}{r} 53 \\ 79 \\ + 34 \\ \hline \end{array}$$

d.
$$\begin{array}{r} 15 \\ 69 \\ + 73 \\ \hline \end{array}$$

e.
$$\begin{array}{r} 90 \\ + 68 \\ \hline 7 \end{array}$$

3. Figure out the pattern and continue it!

$$\begin{array}{c} + \boxed{} \\ \curvearrowright \end{array} \quad \begin{array}{c} + \boxed{} \\ \curvearrowright \end{array} \quad \begin{array}{c} + \boxed{} \\ \curvearrowright \end{array} \quad \begin{array}{c} + \boxed{} \\ \curvearrowright \end{array} \quad \begin{array}{c} + \boxed{} \\ \curvearrowright \end{array} \quad \begin{array}{c} + \boxed{} \\ \curvearrowright \end{array} \quad \begin{array}{c} + \boxed{} \\ \curvearrowright \end{array} \quad \begin{array}{c} + \boxed{} \\ \curvearrowright \end{array}$$

 22 28 34 _____ _____ _____ _____ _____

4. Subtract.

a. $33 - 9 = \underline{\hspace{2cm}}$

b. $61 - 6 = \underline{\hspace{2cm}}$

c. $75 - 8 = \underline{\hspace{2cm}}$

5. Solve the word problems. Write number sentences, not just the answers.

a. Joy has 17 tomato plants, 30 green bean plants, and 6 pepper plants in her garden. How many plants does she have in total?

b. A very hungry grasshopper came along and ate 5 of her plants! How many plants does she have left?