math MAMMOTH

Math Mammoth Grade 2 Review Workbook

- **S**ome review
- **R**eading the clock
- **A**ddition & subtraction facts within 0-18
- **R**egrouping in addition
- **G**eometry and fractions
- **T**hree-digit numbers
- **M**easuring
- **R**egrouping in addition & subtraction
- **M**oney & exploring multiplication

By Maria Miller

Math Mammoth Grade 2 Review Workbook

Contents

Introduction

This workbook is intended to give students a thorough review of 2nd grade math. It has both topical as well as mixed (spiral) review worksheets, and includes both topical tests and a comprehensive end-of-the-year test. The tests can also be used as review worksheets, instead of tests.

You can use this workbook for various purposes: for summer math practice, to keep the child from forgetting math skills during other break times, to prepare students who are going into third grade, or to give second grade students extra practice during the school year.

The topics reviewed in this workbook are:

- some review, even and odd numbers and doubling
- clock
- addition and subtraction facts within 0 - 18
- regrouping in addition and subtraction
- geometry and fractions
- three-digit numbers
- measuring
- money
- exploring multiplication

In addition to the topical reviews and tests, the workbook also contains many cumulative (spiral) review pages.

The content for these is taken from the *Math Mammoth Grade 2 Complete Curriculum*, so this workbook works especially well to prepare students for grade 3 in Math Mammoth. However, the content follows a typical study for grade 2, so this workbook can be used no matter which math curriculum you follow.

Please note this book does not contain lessons or instruction for the topics. It is not intended for initial teaching. It also will not work if the student needs to completely re-study these topics (the student has not learned the topics at all). For that purpose, please consider *Math Mammoth Grade 2 Complete Curriculum*, which has all the necessary instruction and lessons.

I wish you success with math teaching!

Maria Miller, the author

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Mixed Review 3

1. Add and find the missing addends.

a.	b.	c.	d.
6 + 7 = _____	9 + 7 = _____	5 + _____ = 14	8 + _____ = 15
8 + 9 = _____	5 + 8 = _____	8 + _____ = 16	7 + _____ = 14

2. How many hours is it?

from	9 AM	6 AM	11 AM	12 AM	10 AM
to	1 PM	8 PM	4 PM	12 PM	2 PM
hours					

3. **a.** How many Tuesdays are there in January? (See the calendar on the right.)

b. Jane visits her parents every third Sunday of the month. What day will she visit them in January?

January

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

4. Solve.

a. Joyce practices playing the piano for 2 hours. She stopped practicing at 2 PM. When did she *start* practicing?

b. Grandma sleeps 1/4 of the day's hours. (One day has 24 hours.) How many hours does Grandma sleep each day?

5. Add and subtract whole tens.

a.	b.	c.
77 + 20 = _____	18 + 50 = _____	54 + 40 = _____
64 − 30 = _____	43 − 20 = _____	98 − 60 = _____

6. Add more. Find the difference.

a. 18 + _____ = 22	**b.** 75 + _____ = 80	**c.** 56 + _____ = 59
d. The difference of 8 and 12 is _____.	**e.** The difference of 43 and 49 is _____.	**f.** The difference of 21 and 30 is _____.

7. Subtract. Think about the difference.

a. 85 − 80 = _____ 46 − 42 = _____	**b.** 76 − 71 = _____ 99 − 89 = _____	**c.** 20 − 17 = _____ 70 − 67 = _____

8. For each addition, write a matching subtraction (using the same numbers).

a. 8 + ☐ = 14 _____ – _____ = ☐	**b.** 5 + ☐ = 14 _____ – _____ = ☐	**c.** 6 + ☐ = 12 _____ – _____ = ☐

9. Subtract.

a. 12 – 7 = _____ 17 – 9 = _____ 11 – 8 = _____	**b.** 14 – 8 = _____ 12 – 8 = _____ 13 – 7 = _____	**c.** 11 – 6 = _____ 13 – 8 = _____ 16 – 9 = _____	**d.** 15 – 7 = _____ 14 – 9 = _____ 15 – 9 = _____

10. Detective Cole was a math sleuth. He was out to get the fact family. He had found number 13, but two numbers were missing. Help him find the fact family!

He found a clue under the couch: “Look in the cookie jar!” In the cookie jar there were half a dozen cookies left. Cole said, “That's one of my missing numbers!”

Can you figure out the other missing number now? Then, write the fact family.

_____ + _____ = _____ _____ – _____ = _____

_____ + _____ = _____ _____ – _____ = _____

The case is solved!

Regrouping in Addition Review

1. Add *in parts*. Break the number that is not whole tens into its tens and ones in your mind.

a. 17 + 10 = _____ 42 + 10 = _____	**b.** 16 + 20 = _____ 67 + 20 = _____	**c.** 50 + 14 = _____ 30 + 45 = _____

2. Add.

a. 27 + 8 = _____ 54 + 7 = _____	**b.** 18 + 9 = _____ 73 + 8 = _____	**c.** 5 + 87 = _____ 7 + 88 = _____

3. Add by adding tens and ones separately.

a. 36 + 22 30 + 20 + 6 + 2 _____ + _____ = _____	**b.** 72 + 18 70 + 10 + 2 + 8 _____ + _____ = _____
c. 54 + 37 50 + 30 + 4 + 7 _____ + _____ = _____	**d.** 24 + 55 ____ + ____ + __ + __ _____ + _____ = _____

4. Solve the problems.

a. Diane and Ted picked fruit for Mr. Mohan. Diane earned $25 and Ted earned double that. How much did Ted earn? How much did the two earn together?
b. Emily has 24 flower plants in her yard. Leah has half that many. How many flower plants does Leah have?

5. Add.

a.
$$\begin{array}{r} 43 \\ +\ 28 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 33 \\ +\ 39 \\ \hline \end{array}$$

c.
$$\begin{array}{r} 24 \\ +\ 47 \\ \hline \end{array}$$

d.
$$\begin{array}{r} 23 \\ +\ 38 \\ \hline \end{array}$$

e.
$$\begin{array}{r} 55 \\ +\ 17 \\ \hline \end{array}$$

f.
$$\begin{array}{r} 38 \\ 13 \\ +\ 42 \\ \hline \end{array}$$

g.
$$\begin{array}{r} 39 \\ 10 \\ +\ 46 \\ \hline \end{array}$$

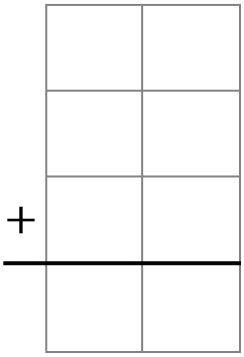
h.
$$\begin{array}{r} 41 \\ 44 \\ +\ 36 \\ \hline \end{array}$$

i.
$$\begin{array}{r} 38 \\ 7 \\ 49 \\ +\ 23 \\ \hline \end{array}$$

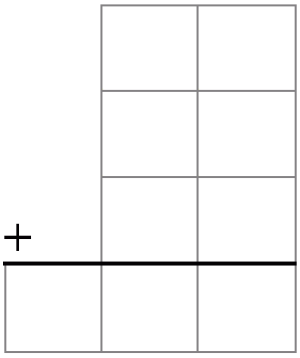
j.
$$\begin{array}{r} 27 \\ 36 \\ 19 \\ +\ 35 \\ \hline \end{array}$$

6. Solve.

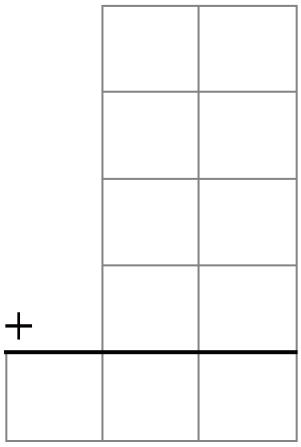
a. Naomi bought some potatoes for $18, onions for $15, and meat for $40. What was the total cost?



b. If you buy three chairs for $34 each, what is the total bill?



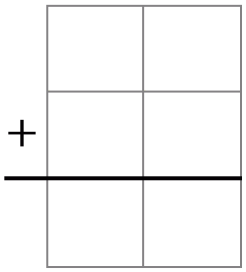
c. Anna has 29 stickers and so does Betty. Ruth has 22 and Judy has 26. How many stickers are there total?



d. Andy had $47 in his wallet. He earned $15 by selling lemonade. Now can he buy a remote-controlled toy car for $65?

If yes, how much money would have have left after buying it?

If not, how much more money would he need?



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Exploring Multiplication Test

1. Draw groups to illustrate the multiplication.

a. 6 × 1 = _____	**b.** 2 × 7 = _____	**c.** 3 × 3 = _____

2. Write each addition as a multiplication.

a. 6 + 6 + 6 + 6 = _____ × _____

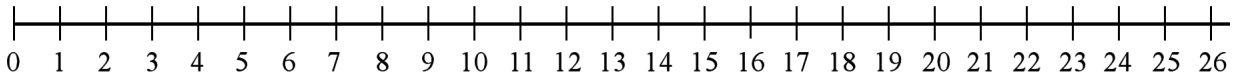
b. 50 + 50 + 50 = _____ × _____

3. Write each multiplication as an addition.

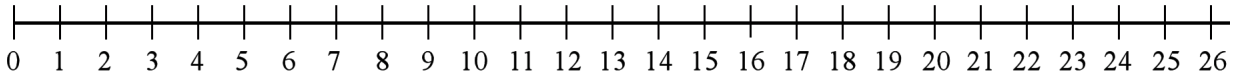
a. 2 × 8 = _____

b. 5 × 3 = _____

4. Draw number-line jumps for these multiplications.



a. 6 × 3 = _____



b. 5 × 5 = _____

5. Multiply.

a. 4 × 3 = _____ 3 × 10 = _____	**b.** 5 × 0 = _____ 2 × 20 = _____	**c.** 1 × 6 = _____ 2 × 9 = _____
d. 4 × 3 = _____ 2 × 8 = _____	**e.** 2 × 12 = _____ 3 × 5 = _____	**f.** 4 × 10 = _____ 1 × 800 = _____