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Foreword

Math Mammoth Grade 4 Skills Review Workbook has been created to complement the lessons in *Math Mammoth Grade 4* 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 4* 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 available as a separate book.

I wish you success in teaching math!

Maria Miller, the author

Sample worksheet from
www.mathmammoth.com

Skills Review 1

1. Add mentally.

a. 75 + 85 = _____	**b.** 43 + 38 = _____	**c.** 94 + 29 = _____

2. Starting at the top, find your way through the maze by coloring the number that is **one half** of the previous number.

1,250	1,410	1,840	1,120	1,680
640	710	930	840	860
310	230	460	540	420
120	160	240	190	210
64	85	122	105	100

3. Subtract from whole hundreds.

a. 300 – 4 = _____

b. 700 – 6 = _____

c. 900 – 9 = _____

4. Damian and his two brothers shared unequally the cost of a used car. Damian paid $2,715, Lyle paid $1,847, and Steve paid $2,069. How much did the car cost?

5. **a.** Carol baked 72 cookies. She gave some of them to Mrs. Harrison and now she has 48 left. How many cookies did she give to Mrs. Harrison? Use mental math.

b. The next morning, Carol counted the cookies and there were only 29 left. How many cookies had been eaten? Use mental math.

Puzzle Corner

What numbers are missing?

$$\begin{array}{r} 5\ \square\ 3\ \square \\ +\ \square\ 9\ \square\ 6 \\ \hline 8\ 6\ 0\ 2 \end{array} \qquad \begin{array}{r} 2\ 6\ \square\ \square \\ +\ \square\ \square\ 7\ 8 \\ \hline 4\ 0\ 5\ 4 \end{array}$$

Sample worksheet from
www.mathmammoth.com

Skills Review 2

1. Subtract in columns. Check by adding!

a.	**b.**	**c.**
$\begin{array}{r} 705 \\ -\ 469 \\ \hline \end{array}$ $\quad +469$	$\begin{array}{r} 9250 \\ -\ 5835 \\ \hline \end{array}$ $\quad +$ _____	$\begin{array}{r} 6013 \\ -\ 741 \\ \hline \end{array}$ $\quad +$ _____

2. Alicia has $240. Does she have enough money to buy a bike for $190 and a helmet for $45?

   If yes, how much money does she have left?

   If no, how much more money does she need?

3. Add in any order, and in parts. Use mental math.

a. $85 + 5 + 9 + 70 + 8 + 32$	**b.** $216 + 90 + 7 + 3 + 4 + 300$

4. Compare. Write $<$, $>$, or $=$ in the box.

a. $750 + 400$ ☐ $1400 - 250$

b. $7100 - 300$ ☐ $5800 + 800$

c. $2300 - 800$ ☐ $900 + 500$

d. $920 + 400$ ☐ $2020 - 600$

5. Multiply.

a.	**b.**	**c.**	**d.**
$8 \times 2 =$ ____	$6 \times 1 =$ ____	$7 \times 8 =$ ____	$2 \times 0 =$ ____
$9 \times 9 =$ ____	$11 \times 10 =$ ____	$3 \times 4 =$ ____	$10 \times 6 =$ ____
$12 \times 5 =$ ____	$5 \times 3 =$ ____	$4 \times 12 =$ ____	$5 \times 11 =$ ____

Sample worksheet from
www.mathmammoth.com

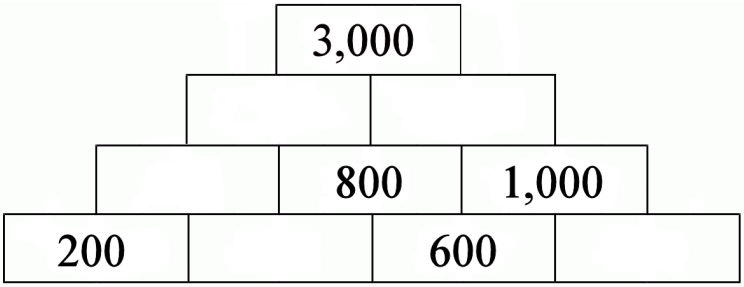
Skills Review 3

1. The mileage chart on the right shows the distances between a few Asian cities.

   Mr. Wang is a businessman living in Hong Kong. One week, his job required him to travel from Hong Kong to Beijing, from Beijing to Tokyo, and then from Tokyo to Bangkok. How many miles did he travel in total?

	Beijing	Bangkok	Tokyo
Hong Kong	**1,958**	**1,727**	**2,878**
Beijing		**3,294**	**2,091**
Bangkok			**4,600**

2. Find the missing numbers. The sum of any two adjacent (side-by-side) numbers is the number directly above them.



3. Divide.

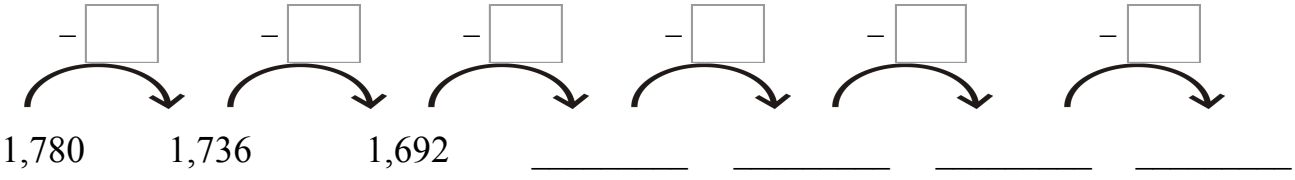
a. $28 \div 7 =$ _____

b. $45 \div 9 =$ _____

c. $30 \div 5 =$ _____

d. $72 \div 12 =$ _____

4. Figure out the pattern and continue it.



5. Farmer John has 1,348 sheep, separated into three flocks. One of the flocks has 430 sheep and another has 508 sheep. How many sheep does the third flock have?

Sample worksheet from
www.mathmammoth.com

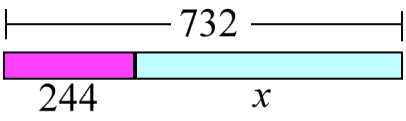
Skills Review 4

1. First subtract, and then check by adding.

a. 7,100 − 4,820 − 695	Add to check:
b. 3,092 − 463 − 78	Add to check:

2. Write a missing addend problem that matches the bar model. Then solve it by subtracting.

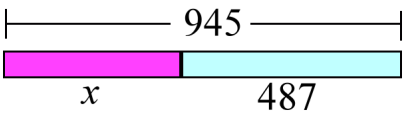
a.



_____ + _____ = _____

x = _____ − _____ = _____

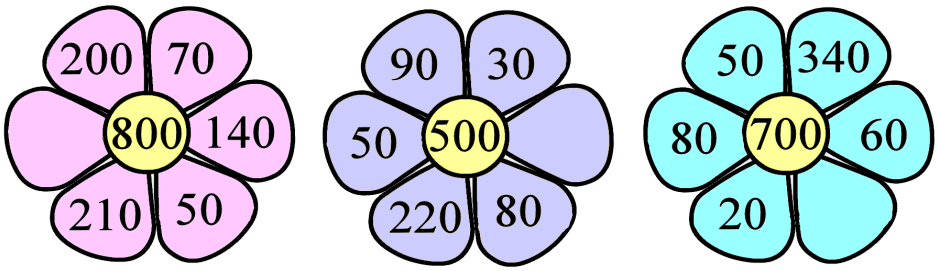
b.



_____ + _____ = _____

x = _____ − _____ = _____

3. Find the missing numbers. The sum of the petals on each flower should equal the number in the center.



4. Write each number as a sum of its parts: thousands, hundreds, tens, and ones.

a. 7,948 =	**b.** 3,092 =

Sample worksheet from
www.mathmammoth.com

Skills Review 5

1. Calculate in the right order.

a. $6 \times 8 + 12 \div 3 =$ _____	**b.** $3 \times (11 - 3) \div 4 =$ _____	**c.** $90 - 7 \times 7 =$ _____

2. Add or subtract mentally in parts.

a. $960 + 350 =$ _____	**b.** $2{,}000 - 406 =$ _____	**c.** $700 - 43 =$ _____

3. First, fill in the top row, continuing the pattern it has. Then add 69 to each number in the top row to get the number in the bottom row. *Hint: Instead of adding 69, add ____, and then subtract __!*

n	730	690	650	610	570			
$n + 69$								

4. Solve. Write a number sentence for each problem. Do not just write the answer.

a. Clayton had 54 cherries. He and five of his friends shared them equally. How many did each child get?

b. Clayton and his friends EACH ate four cherries and saved the rest for later. In total, how many cherries did the children save for later?

5. Divide.

a. $100 \div 10 =$ _____	**b.** $36 \div 4 =$ _____	**c.** $84 \div 7 =$ _____

Puzzle Corner

Emma was organizing rows of chairs for a seminar. She arranged nine chairs in each of three rows and eight chairs in each of seven rows. Then, her boss asked her to remove one chair from each row. How many chairs were left? Write a number sentence.

Sample worksheet from
www.mathmammoth.com

Skills Review 6

1. Subtract in columns. Check by adding!

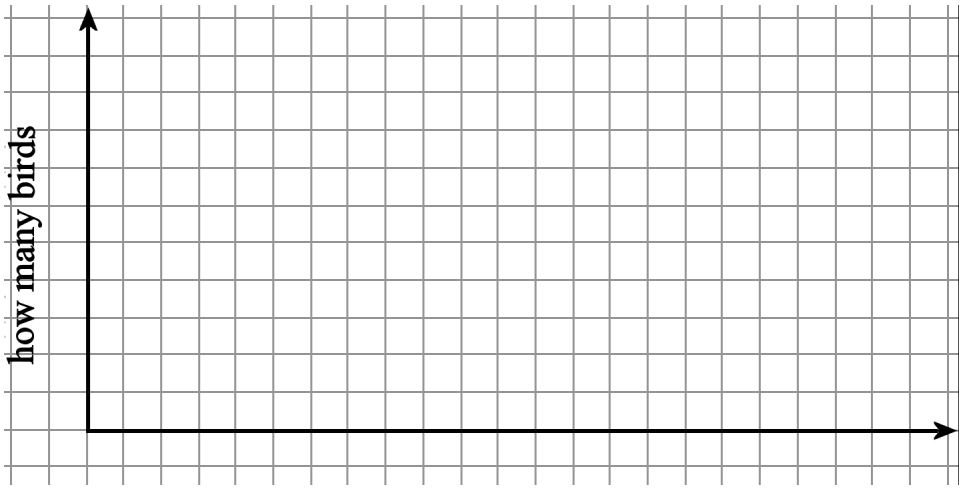
$$\begin{array}{r} 703 \\ -\ 495 \\ \hline \end{array} \qquad + _____$$

2. Fill in the table.

×	4	7	9	6	8	12
6						
8						
4						
9						

3. Karen went on a nature hike. Each time she saw a bird, she wrote down what kind it was. Using her list (below), complete the frequency chart and make a bar graph.

dove dove dove dove dove dove sparrow sparrow sparrow sparrow sparrow sparrow sparrow sparrow crow crow crow crow hawk hawk robin robin robin robin robin



Bird	Frequency
dove	
sparrow	
crow	
hawk	
robin	

Puzzle Corner

What numbers can go into the puzzle?

3,780	–		+		= 3,810
–		+		–	
	+		+		= 120
+		–		+	
	+		+		= 200
= 3,750		= 10		= 150	

Sample worksheet from
www.mathmammoth.com

Skills Review 7

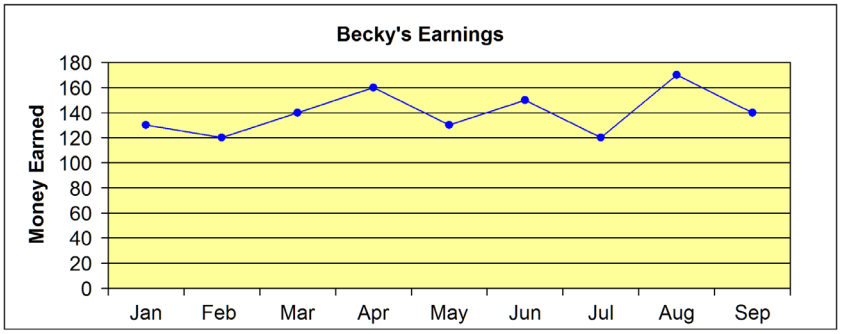
1. Circle the number sentence that fits the problem. Then solve for x.

a. Alex bought a bike for $95 and now he has $238 left. $x - 95 = 238$ OR $238 - 95 = x$ $x =$ _____	**b.** Farmer Benson had 128 cows. Then he bought 33 more. $x + 33 = 128$ OR $128 + 33 = x$ $x =$ _____

2. A cruise ship has 4,215 people on board. They are passengers, crew members, and two doctors. If there are 1,346 crew members, how many passengers are there?

3. The line graph shows how much money Becky earned each month walking her neighbors' dogs.

a. During which month did Becky earn the most money?



b. How much money in total did Becky earn during the months of February, March, and April?

4. Megan tried to complete this pattern, but she got confused! Find her mistakes and correct them.

n	330	370	410	450	490	530	570	610
$n + 79$	409	449	489	539	569	619	659	689

5. Add. Write the numbers under each other, carefully aligning the ones, tens, hundreds, and thousands. You may use a separate piece of paper if you prefer.

6,830 + 1,597 + 305 + 28

Sample worksheet from
www.mathmammoth.com

Skills Review 8

1. Round these numbers to the nearest ten, nearest hundred, and nearest thousand.

n	**95**	**4,762**	**344**
rounded to nearest 10			
rounded to nearest 100			
rounded to nearest 1000			

2. Subtract and compare the results. The problems are "related" – can you see how?

14 – 6 = _____

64 – 6 = _____

142 – 60 = _____

1,430 – 600 = _____

3. Write four different subtraction problems that are "related" to the problem 12 – 7 = 5. See the examples above in exercise 2!

4. Put operation symbols +, –, or × into the number sentences so that they become true.

a. 9 ☐ 7 ☐ 8 = 71

b. 8 ☐ (32 ☐ 29) ☐ 24 = 0

c. (9 ☐ 6) ☐ 4 = 60

d. 6 ☐ 12 ☐ (41 ☐ 9) = 104

5. Divide.

a. 42 ÷ 6 = _____

b. 100 ÷ 10 = _____

c. 36 ÷ 4 = _____

d. 56 ÷ 8 = _____

e. 15 ÷ 3 = _____

6. Solve 7,213 − 3,975 − 648. Lastly, check by adding.

Sample worksheet from
www.mathmammoth.com