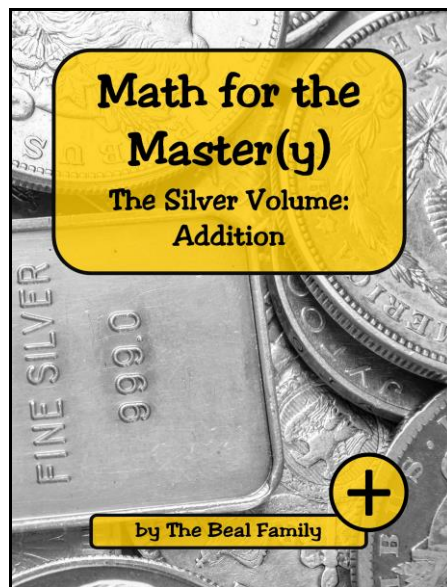


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Math for the Master(y)

The Silver Volume: Addition



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Lesson 2

Copy the addition facts. Say each fact to yourself as you are copying. Begin with the top addend and work down to the sum.

Example:
$$\begin{array}{r} 0 \\ +0 \\ \hline 0 \end{array}$$
 Say: "Zero plus zero equals* zero."
Write: 0 + 0 = 0

$$\begin{array}{r} 0 \\ +0 \\ \hline 0 \end{array} \quad \begin{array}{r} 1 \\ +0 \\ \hline 1 \end{array} \quad \begin{array}{r} 2 \\ +0 \\ \hline 2 \end{array} \quad \begin{array}{r} 3 \\ +0 \\ \hline 3 \end{array} \quad \begin{array}{r} 4 \\ +0 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 5 \\ +0 \\ \hline 5 \end{array} \quad \begin{array}{r} 6 \\ +0 \\ \hline 6 \end{array} \quad \begin{array}{r} 7 \\ +0 \\ \hline 7 \end{array} \quad \begin{array}{r} 8 \\ +0 \\ \hline 8 \end{array} \quad \begin{array}{r} 9 \\ +0 \\ \hline 9 \end{array}$$

* Note: All math facts are actually equations. The value of the number(s) on one side of the equals sign is the same as the value of the number(s) on the other side of the sign, after calculations.

Repeat this lesson as many days as necessary. Child should be able to write these addition facts correctly without the book and recite the answers when quizzed before advancing to the next lesson.

Lesson 14

Add. Write answers only.

$$\begin{array}{r} 1. \quad 0 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ +0 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 3 \\ +5 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ +0 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +0 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 6 \\ +0 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ +5 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 4 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +0 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 2 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ +5 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ +4 \\ \hline \end{array}$$

Have child cover following page before beginning this assignment. Repeat this lesson as many days as necessary. Child should be able to write the correct answers before advancing to the next lesson.

Lesson 30

It is possible to add more than two numbers in the same problem. To add three numbers, find the sum of the first and second, then add the third number to it.

Examples:

$$\begin{array}{r} 3 \\ 4 \\ \hline +5 \\ \hline 12 \end{array}$$

step 1: Add 3 and 4.
step 2: Write 7 to the side.
step 3: Add 7 and 5.
step 4: Write 12 at the bottom.

$$\begin{array}{r} 7 \\ 2 \\ \hline +9 \\ \hline 18 \end{array}$$

step 1: Add 7 and 2.
step 2: Write 9 to the side.
step 3: Add 9 and 9.
step 4: Write 18 at the bottom.

Copy and add.

$$\begin{array}{r} 1 \\ 4 \\ \hline +8 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ 2 \\ \hline +7 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ 5 \\ \hline +9 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 0 \\ \hline +5 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ 1 \\ \hline +4 \\ \hline \end{array}$$

Repeat this lesson as many days as necessary. Child should be able to solve the problems correctly before advancing to the next lesson.

Lesson 42

Complete the following word problems.

1. Father and Mother enjoy reading the Bible together in the morning. They began in the spring and were able to read 57 chapters. So far this summer they have read 21 chapters. What is the total of chapters Father and Mother have read together this year?
2. Grandfather and Grandmother enjoy reading the Bible together in the evening. Last year they read all 66 books of the Bible. So far this year they have read 33 of the books again. What is the total number of books Grandfather and Grandmother have read in their Bible now?
3. Sister is keeping a chart to see how many ounces of baby food Mother is feeding to Baby. Last week Baby ate 31 ounces of baby food. This week Baby ate 32 ounces. What is the sum of ounces Baby ate?
4. One morning Grandmother and Mother spent time labeling photos. Mother had purchased two packages of labels. One package contained 350 blank square

stickers. The other package contained 425 blank circle stickers. How many labels did she buy altogether?

5. Brother wanted to surprise Father by cleaning out the junk drawer in the tool shed. He found 642 nails and put them in a jar. He also found 135 screws and put them in a little box. How many nails and screws did he sort in all?

6. When Sister saw what Brother was doing, she wanted to do something for Mother. Sister sorted through a desk drawer and found 202 paperclips and 194 safety pins. What sum of fasteners did she put away for Mother?

Repeat this lesson as many days as necessary. Child should be able to figure the correct answers before advancing to the next lesson. See Lessons 37 and 39 if additional help is required.

Lesson 61

Add mentally. Write answers only.

1. $5 + 9 + 7 + 4 = \underline{\quad}$ $6 + 3 + 8 + 9 = \underline{\quad}$
2. $6 + 9 + 5 + 7 = \underline{\quad}$ $1 + 3 + 5 + 7 = \underline{\quad}$
3. $8 + 8 + 7 + 5 = \underline{\quad}$ $1 + 5 + 6 + 6 = \underline{\quad}$
4. $4 + 7 + 2 + 1 = \underline{\quad}$ $9 + 6 + 2 + 8 = \underline{\quad}$
5. $3 + 8 + 5 + 3 = \underline{\quad}$ $3 + 5 + 4 + 1 = \underline{\quad}$
6. $7 + 2 + 4 + 8 = \underline{\quad}$ $9 + 9 + 8 + 3 = \underline{\quad}$
7. $4 + 4 + 4 + 2 = \underline{\quad}$ $6 + 6 + 3 + 6 = \underline{\quad}$
8. $1 + 4 + 8 + 6 = \underline{\quad}$ $5 + 5 + 5 + 5 = \underline{\quad}$
9. $9 + 2 + 3 + 1 = \underline{\quad}$ $2 + 4 + 6 + 8 = \underline{\quad}$
10. $2 + 8 + 9 + 6 = \underline{\quad}$ $3 + 7 + 9 + 5 = \underline{\quad}$

Hint: Some people find it helpful when mentally adding a string of numbers to look for groups of 10. For example, in the string $2 + 7 + 3 + 5$ the 2, 3, and 5 together make a 10. Add that 10 to the 7 that you didn't use and you have the answer: 17.

Repeat this lesson as many days as necessary. Child should be able to solve the problems correctly before advancing to the next lesson.

Lesson 68

When adding, make sure all the rightmost digits line up. Ignore spaces when adding columns.

Example: $862 + 99 + 7,145 + 456 = ?$

1 22

862	←	step 1: Copy so the last digits of each line up on the right.
99	←	
7,145	←	step 2: Add 2 and 9 and 5 and 6.
+ 456	←	step 3: Write 2, carry 2.
<hr/>		
8,562		step 4: Add 2 and 6 and 9 and 4 and 5.
		step 5: Write 6, carry 2.
		step 6: Add 2 and 8 and 1 and 4.
		step 7: Write 5, carry 1.
		step 8: Add 1 and 7.
		step 9: Write 8 and place the comma.

Copy and add.

1. $224 + 60 + 8,902 + 622 =$

2. $110 + 16 + 4,702 + 2,096 =$

3. $2,285 + 515 + 30 + 736 =$

4. $41 + 207 + 5,357 + 2,161 =$

Repeat this lesson as many days as necessary. Child should be able to line up the digits and solve the problems correctly before advancing to the next lesson.

Key pages for **Math for the Master(y)** are full-size (like student lessons) and include answers in bold.

Lesson 14

Add. Write answers only.

1.	$\begin{array}{r} 0 \\ +3 \\ \hline 3 \end{array}$	$\begin{array}{r} 8 \\ +2 \\ \hline 10 \end{array}$	$\begin{array}{r} 1 \\ +3 \\ \hline 4 \end{array}$	$\begin{array}{r} 0 \\ +0 \\ \hline 0 \end{array}$	$\begin{array}{r} 4 \\ +5 \\ \hline 9 \end{array}$
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2.	$\begin{array}{r} 3 \\ +5 \\ \hline 8 \end{array}$	$\begin{array}{r} 7 \\ +0 \\ \hline 7 \end{array}$	$\begin{array}{r} 4 \\ +3 \\ \hline 7 \end{array}$	$\begin{array}{r} 4 \\ +0 \\ \hline 4 \end{array}$	$\begin{array}{r} 8 \\ +3 \\ \hline 11 \end{array}$
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3.	$\begin{array}{r} 6 \\ +0 \\ \hline 6 \end{array}$	$\begin{array}{r} 7 \\ +1 \\ \hline 8 \end{array}$	$\begin{array}{r} 6 \\ +4 \\ \hline 10 \end{array}$	$\begin{array}{r} 9 \\ +5 \\ \hline 14 \end{array}$	$\begin{array}{r} 6 \\ +2 \\ \hline 8 \end{array}$
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4.	$\begin{array}{r} 4 \\ +1 \\ \hline 5 \end{array}$	$\begin{array}{r} 1 \\ +2 \\ \hline 3 \end{array}$	$\begin{array}{r} 6 \\ +3 \\ \hline 9 \end{array}$	$\begin{array}{r} 5 \\ +0 \\ \hline 5 \end{array}$	$\begin{array}{r} 7 \\ +2 \\ \hline 9 \end{array}$
----	--	--	--	--	--

5.	$\begin{array}{r} 2 \\ +3 \\ \hline 5 \end{array}$	$\begin{array}{r} 4 \\ +4 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ +1 \\ \hline 9 \end{array}$	$\begin{array}{r} 7 \\ +5 \\ \hline 12 \end{array}$	$\begin{array}{r} 9 \\ +4 \\ \hline 13 \end{array}$
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Have child cover following page before beginning this assignment. Repeat this lesson as many days as necessary. Child should be able to write the correct answers before advancing to the next lesson.