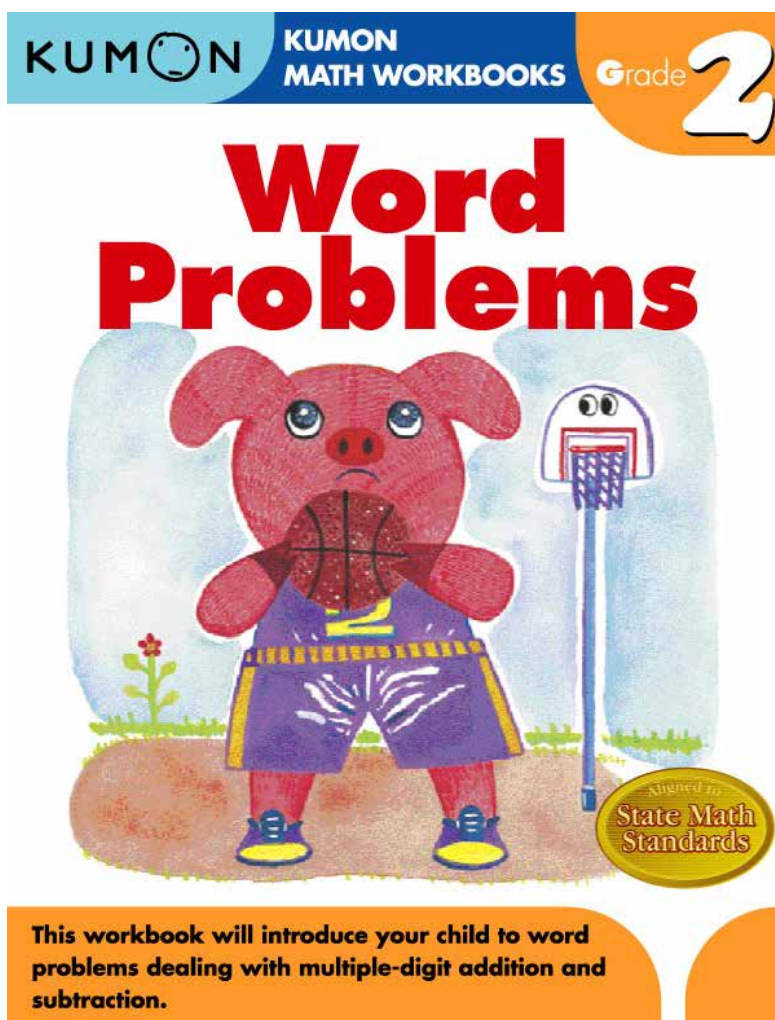


Kumon *Grade 2 Word Problems* Workbook Educator's Guide

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Using Kumon Word Problems Workbooks: General Guidance

Kumon Word Problems Workbooks follow the Kumon Method, a proven learning system from Japan that has helped millions of children worldwide develop math skills without frustration.

You can use Kumon Word Problems Workbooks to **introduce new math skills** or to **provide additional support** after/alongside another program. The table below shows benefits of each approach.

Using Kumon Workbooks to teach a new skill	Using Kumon Workbooks for additional support
<ul style="list-style-type: none">• Learn the new concept(s) using an efficient and targeted approach• Avoid development of misconceptions• Progress toward mastery of the relevant math facts and procedures• Improve your child's mental calculation abilities and their ability to learn independently	<ul style="list-style-type: none">• Refine and deepen understanding of the concept(s)• Solidify mastery of math facts and gain procedural fluency• Identify and correct misconceptions• Improve your child's mental calculation abilities and their ability to learn independently

Please note that **for the full benefit of the Kumon Method**, including personalized learning plans and individualized instruction, take the next step and contact a Kumon Learning Center near you. Visit www.kumon.com for more information about our Learning Centers.

Important Steps

For all Kumon Word Problems Workbooks, please use the following steps for best results.

Timing
<ul style="list-style-type: none">• We recommend having your child complete about one section (2 pages) a day. This should include the answer check.• Each daily session is about 15 to 30 minutes. If your child is learning the skill for the first time, the learning session will be closer to 30 minutes.
Sequencing
<ul style="list-style-type: none">• Even if your child is reviewing material, have them start on page 1 and work through the book page by page. Similarly, they should always work problems on each page in order. For best results, do not skip any content. <p>Kumon Workbooks are designed so the student “learns through doing”; therefore, the sequence of pages and</p>

problems in each book is key to the instructional method and effectiveness.

Checking Answers and Moving On

- Checking and correcting answers is an essential part of the learning process. One approach is to have a parent or teacher mark the child's answers as either correct or incorrect. Then have the child correct the wrong answers.
- You may choose to require a perfect score before your child moves on the next section. If you use this approach, you can repeat each section as many times as you wish by erasing it and having your child redo it. Or, have your child write answers on a separate sheet.

Encourage Self-Learning

- One hallmark of the Kumon Method is the emphasis on learning through doing rather than passive absorption of information. This is why there is minimal direct explanation in the book; the understanding comes through working problems in sequence.
- Support your child in the self-learning process by allowing them to work independently on the problems, correct their answers, and reflect on their errors. We encourage you to ask questions to promote deeper engagement, but resist the urge to "just explain" what they should learn from the page.

For a daily plan and page-by-page guidance to support using Kumon *Grade 2 Word Problems*, see the next page.

KUMON Grade 2 Word Problems Workbook: Daily Guide

Using this guide

- This guide organizes the workbook into daily sessions of 2 pages each.
- Each daily session should last about 15 to 30 minutes.
- Fill in the Date column to keep track of your progress.

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Date	Book Section	PP.	Description	Educator Notes
TOPIC: Review				
	1	2-3		The first page set in this workbook will help familiarize your child with word problems. The word problem sentences are short and clear.
	2	4-5		This page set provides your child with more review word problems to help them warm up for the new problems in this workbook.
Topic: Addition and Subtraction				
	3	6-7		This page set has your child reading each word problem and determining whether they should use addition or subtraction to find the answer. It is a good idea to have your child write down the addition or subtraction problem as an equation before trying to solve it. If your child needs help pulling the numbers being added or subtracted help them by pointing out the numbers used in the problem.
	4	8-9		As your child continues to practice addition and subtraction word problems it is important that they realize which words indicate addition or subtraction in the word problem sentence. For example, point out to your child language like "altogether" and "in all" which indicate addition or language like "have left" which indicates subtraction. Learning the language word problems use to indicate what type of operation is needed is the most important skill your child needs to develop.
	5	10-11		This page set gives your child more addition and subtraction word problems to practice.
Topic: Length				
	6	12-13		In this page set, your child will begin solving word problems that have them add and subtract length measurements. While they are still adding and subtracting numbers as they did previously, it will now be more important for them to pay attention to the unit of measurement in each problem and make sure they include the correct unit in their answer. This is a good spot to remind your child that word problems are not just addition or subtraction problems, but they are problems that are looking for a certain amount of an object or measurement as the solution.
	7	14-15		These page sets will offer your child more measurement word problems to solve.
	8	16-17		
	9	18-19		As your child continues to solve the word problems in this workbook, remind them to always show their work. Unlike standard calculation problems that they can solve mentally it is important with word problems to write out the equation being asked by the problem. By writing out the problem and performing the calculations your child will develop better problem solving abilities.
	10	20-21		This page set introduces adding and subtracting with two different units of measurement. It is important for your child to review how many inches are in a foot or how many centimeters are in a meter, as some of the problems will require them to convert the measurements to the same unit in order to solve the problem. This section might be tricky, offer your child help with converting the measurements as needed. You can also encourage your child to write a standard measurement conversion guide on the top or bottom of their workbook paper or on a piece of scrap paper so they can refer to it as needed.
	11	22-23		This is the last page set in the length measurement section. Have your child check their answers and offer additional practice on a scrap piece of paper if there are any problems they struggled with.

Date	Book Section	PP.	Description	Educator Notes
Topic: Weight				
	12	24-25		This is the first page set in this workbook that covers word problems with weight measurements. Similar to the length word problems, it is important for your child to pay attention to the units of measurement being used in each problem. Make sure your child writes the correct unit on the answer line.
	13	26-27		Word problems that use units of measurement are almost the same as word problems that use objects, the most important thing your child should know is to make sure they write the correct unit or object on the answer line along with the number solution.
	14	28-29		This page set gives your child more word problems with weight measurements to practice.
Topic: Addition or Subtraction				
	15	30-31		In these word problems, your child will determine if they are adding or subtracting the objects in the problem. Some of the problems have two steps in this section. Remind your child to write out the numbers and equations to be solved. This will help them better understand what they are solving for or trying to find by completing the calculation in the word problem.
	16	32-33		As the word problems become more complex, you can instruct your child to solve each part in steps. First, have your child write down the total number of objects being added or subtracted from. Then, have your child write the calculation symbol. The next step is to identify the number of objects being added or taken away. If the problem has more than one group of items being added or taken away, your child can use a formula similar to the examples on this page to solve the problem. Always encourage your child to write out the equations step-by-step, this way if they make a mistake, you can point it out and help them self-correct as needed.
	17	34-35		These page sets give your child more word problems to practice.
	18	36-37		
	19	38-39		
	20	40-41		
	21	42-43		
	22	44-45		
	23	46-47		
	24	48-49		This is the last page set in this section, make sure your child checks their answers as they go. If they have trouble with any page set in this workbook it is a good idea to have them return to that page set and try some of the problems again to ensure they understand how to solve these simple word problems before moving on to more advanced problems later in this workbook.
Topic: Mixed Calculations				
	25	50-51		This is the first page set in this section. Here your child will work on word problems with mixed calculations. It is important that your child determines what operations they need to perform in order to solve the word problems correctly. A good trick to try with your child is to have them underline any words that they recognize which indicate what type of calculations they will perform. This can help them write the equations more easily.
	26	52-53		
	27	54-55		Remind your child to always include the object name or unit in their answer.
	28	56-57		These page sets give your child more word problems to practice.
	29	58-59		
	30	60-61		This is the last page set in this section, make sure your child checks their answers as they go and self-corrects any problems they got wrong.
Topic: Tables & Graphs				
	31	62-63		In this section, your child will use simple graphs and tables to answer word problems. On the first page, your child will practice reading a table to find the answers to the questions below.

Date	Book Section	PP.	Description	Educator Notes
	32	64-65		Using the information from the previous page, your child will create a graph by following the steps on the page. Then they will practice creating graphs from other tables with the information provided. Finally, they will use their addition and subtraction skills to answer the questions using the information from the graph.
	33	66-67		It is important to have your child write down the equation they are solving and show their work for these problems. You can encourage your child to find the right item being added or subtracted by looking at the graph or table. Learning how to read graphs and tables is an essential skill your child will need for future math learning. If your child needs more practice with this topic, encourage them to create a graph with the topic of their choice and ask friends or family members to provide the data. This is a fun way for your child to practice the skills they learn in this workbook in a real life setting.
Topic: Review				
	34	68-69		This review section covers all forms of word problems taught in this workbook. Encourage your child to read each problem carefully and underline the words that signify adding or subtracting for more practice. Then, have them write down the numbers being added or subtracted in the order they appear in the problem.
	35	70-71		Finally, your child can write the answer on the answer line. Make sure they include the words used in the problem to specify how many of what item, object, or unit there are at the end.
	36	72-73		
Answer Key				
		74-80	Answer Key	Have your child refer to the Answer Key at the end of each page set to ensure they found the correct answers. If any of their answers are wrong, encourage your child to go back to that problem and try it again.