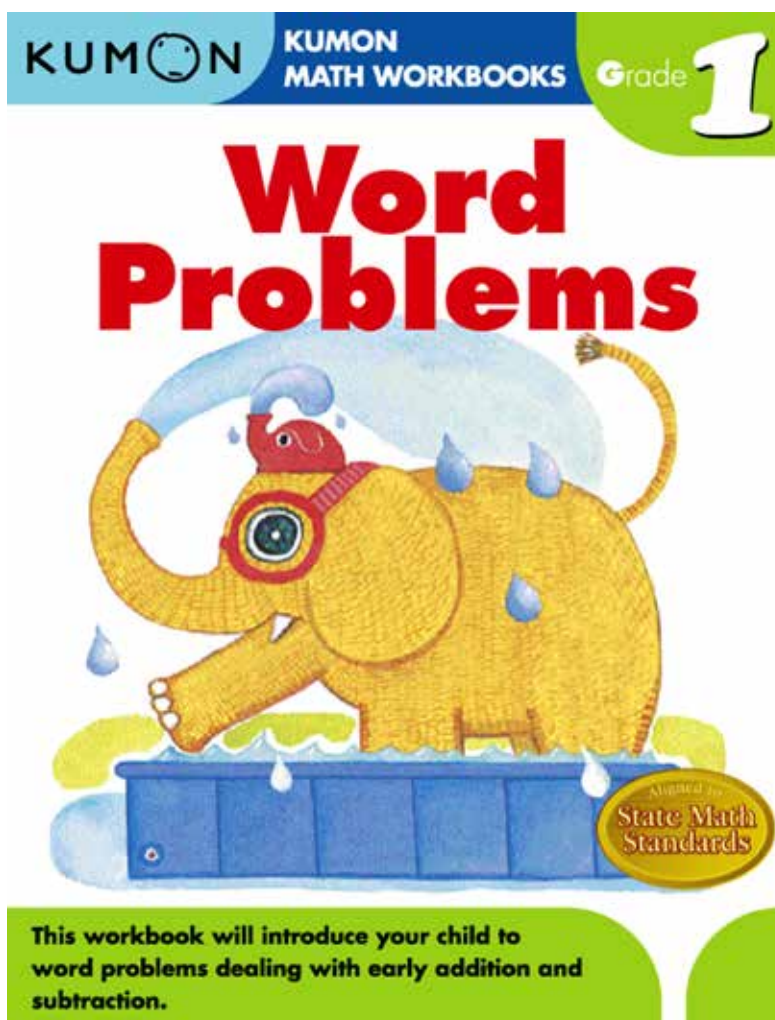


Kumon *Grade 1 Word Problems* Workbook Educator's Guide

Using Kumon Calculations Workbooks: General Guidance	2
Daily Guide: <i>Grade 1 Word Problems</i>	4



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 1 Word Problems*, see the next page.

KUMON Grade 1 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: Addition				
	1	2-3	Addition with Single-Digit Numbers	The first page set in this workbook will help familiarize your child with word problems. The word problem sentences are short and clear. Each problem is paired with a colorful illustration that is cute as well as practical. The illustrations contain the same number of objects as indicated in the word problem. This allows your child to count the objects in the illustration if they need help solving the problem.
	2	4		On this page, the word problems change a little to help your child gradually learn how to approach word problems. You will notice the numbers in the sentences are in bold text to help bring them to your child's attention. This set also provides equation boxes, so your child can write the numbers in the problems by themselves. This modeling helps your child learn how to pull the numbers from word problem sentences and write the equations they need to solve.
		5		Here your child is introduced to another way of reading word problems. The illustrations on the page show the number of objects being added as well as the answer. The point of offering different ways of looking at and decoding word problems this section, is to help your child meet standard word problems with less hesitation as they continue through this book. Additionally, the character box at the bottom helps bring your child's attention to vocabulary that is often used in word problems like the term "altogether" here means adding the two items together. Word problems will strengthen your child's reading comprehension skills as much as test their math skills.
	3	6-7		This page set will continue to give your child guided practice with writing, solving, and understanding word problems. Using the skills gained from the first few pages, your child will write the numbers in the word problem equations using the text and pictures for guidance.
	4	8-9		This page set begins to pull back the number of hints and guided practice your child receives when solving each word problem. This allows them to practice and apply the skills they have learned so far. Your child will also begin writing the objects added as part of the answer on these pages. In the previous sections the object name was provided. It is important for your child to realize here that word problems are asking questions of the student and therefore the answer must include the number solution and the name of the item or object being added.
	5	10-11		This page set gives children another way to view word problems and read number sentences. They are still given illustrations to help provide hints but they need to rely on their ability to decode the words in the problems more. The righthand page then introduces more traditional word problems to allow them to practice their skills.
	6	12-13		This is the last page set in the addition section that offers illustrations and equation box hints. Encourage your child to count the objects in the illustrations or write the numbers they come across in the word problems in the equation boxes. These pages will provide your child with a scaffold for solving word problems on their own through the rest of this workbook.
	7	14-15		This page set will be the first time your child is faced with standard word problems. Have your child read each sentence carefully. Encourage them to employ the tools they used on previous pages. You can tell your child to underline the numbers as they read or to write an equation sentence with an addition sign and equal sign then fill it in the numbers as they read the word problem.
	8	16-17		This page set will offer your child more standard word problems to solve.

Date	Book Section	PP.	Description	Educator Notes
	9	18-19		Here your child will continue to practice standard format word problems, but will also be offered some of the hints from earlier pages for support. Encourage your child to use the illustrations or equation sentences to help solve the problems. They can draw more objects next to or under the images in the book to help create an image of the word problem to help them solve it.
	10	20-21		This page set will offer your child more standard word problems to solve.
	11	22-23		This is the last page set in the addition 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.
Topic: Subtraction				
	12	24	Subtraction with Single-digit Numbers	Similar to the first set of addition pages this section will introduce word problem with subtraction. These first few problems have your child practice subtraction using the pictures for support. Have your child first count the number of items and then write down the number like they did for the addition problems. Your child can then write down the number of objects being taken away or subtracted. Remind your child that "to take away" is the same as subtracting in these problems.
		25		On this page, your child will encounter more terminology for subtraction problems. Try having your child underline the word or phrase in the word problem sentence that means the same as subtracting, such as "How many more..." or "take away." Recognizing the words that word problems use to represent math terms like adding or subtracting is an essential part of learning to solve word problems for your child.
	13	26		This page will follow a similar approach to word problems as page 5, your child will read the sentence and write the numbers in the equation box. This will help your child develop the skills needed to breakdown word problem sentences into number sentences they should be familiar with solving. The first few problems are samples that demonstrate what your child needs to do and the rest provide them guided practice. Once again, the numbers for the equations are in bold text to help your child know which part of the word problem they need to look for into order to write the equation or number sentence.
		27		This page provides further practice writing word problem equations from sentences. Remind your child to use the images to help solve the equation. You can also have your child underline or circle the numbers in the word problem so they know what numbers to use.
	14	28-29		Continue having your child refer to the images for help in this section. Encourage your child to read the word problem sentence then count the number of items in the image. Ask if they match. Then ask your child how many are taken away or eaten, etc. and have them cross out that many images from the illustration. This will help them strengthen their awareness of subtraction sentences looking for the remaining objects or items.
	15	30-31		Here your child will solve standard format subtraction word problems without image hints and equation guide boxes. Encourage your child to use the skills they learned in the previous pages to help solve these standard word problems. They can circle the numbers being subtracted and underline the word that signifies the problem is a subtraction problem. Further encourage your child to write the equations that match the word problems to help them solve them.
	16	32-33		This page set brings back some of the illustration hints from previous pages. Combining standard word problems with images will help your child visualize what is happening in the problem. For the problems on the righthand side of this set, you can encourage your child to draw pictures if they need help visualizing what is happening the word problems. This will always allow them to practice how to show how they found the answer which is an important comprehension skill.
	17	34-35		These page sets will offer your child more practice with standard word problems.
	18	36-37		

Date	Book Section	PP.	Description	Educator Notes
	19	38–39		This page set asks your child to write their answers in a different format than previous pages. The purpose of having your child practice writing their word problem answers in a statement form is to help strengthen their understanding that solving a word problem is not just about solving the equation, but also answering the question posed by the word problem in the first place. The first few problems offer a template for your child to fill in the answer, but the last problem has them try it for themselves. If your child struggles with this section have them look at the answer line from previous problems as a guide.
	20	40–41		These page sets will offer your child more practice with standard word problems.
	21	42–43		
	22	44–45		
Topic: Addition or Subtraction				
	23	46–47	Mixed Addition and Subtraction	In this section, your child will read the word problems and have to determine if they are adding or subtracting the objects. These types of problems show why it is important learn the terminology or words that represent adding or taking away objects from a word problem situation. Have your child read the word problem and ask them to underline the word or words they think mean they should be adding or subtracting the numbers in the problem. If your child has trouble identifying these words, ask them to read the question again and determine if they will have more or less of the object in question at the end of the problem. If they say more, tell them that means they should add, and if they will have less of the object, that means they should subtract the numbers.
	24	48–49		
	25	50–51		
	26	52–53	Addition or Subtraction with 3 Single-digit Numbers	This page set introduces word problems with adding and subtracting 3 single-digit numbers to solve the problem. Once again, it is important to encourage your child to underline words like "more" or "less" to help them figure out what the problem is asking. It is also important to have your child write down the numbers in the order they come across them in the problem. If your child mixes up the order of the objects being added or subtracted in the word problem sentence, they will not get the correct answer. Have your child refer to the images or draw their own images to help solve the problems if they need help.
	27	54–55		This page set continues practice with adding or subtracting 3 single-digit numbers. The first few problems offer equation boxes to help your child set up the problem because the problem is asking for numbers to be added and subtracted. This is why it is important for your child to write down the numbers in the correct order when solving these types of word problems. Have your child use the equation boxes as a guide and encourage them to write their own equation boxes for the other problems. This paired with having your child underline the words that mean adding or subtracting will help your child solve the word problems.
	28	56–57		This page set offers more practice adding and subtracting 3 single-digit numbers in word problems.
Topic: Ordinal Numbers				
	29	58–59	Addition or Subtraction with Ordinal Numbers	This next section of the workbook deals with word problems using Ordinal Numbers. An ordinal number tells you the position of something in order. For example, the first question on this page ask your child to "Circle 6 children from the front." To solve this problem, encourage your child to point to each picture of a child on the page and count to six. Then have them circle the first six children in the row. As with standard word problems it is important for your child to learn and understand the words used in these types of word problems and what they mean. Phrases like "sixth child from the front" mean your child would circle the child who is six spots from the front of the line in the image.
	30	60–61		When adding or subtracting with ordinal numbers, the placement of the person or the object can represent the first number in the equation. The number to be added or subtracted is represented by the number of spots away from the first person the object is.

Date	Book Section	PP.	Description	Educator Notes
	31	62-63		For the next few page sets, your child will continue to practice solving word problems with ordinal numbers. They will have less helping hints like images and equation boxes, but you can encourage your child to draw their own images to help them think through the problem. As with standard word problems, if your child struggles to find the equation to be solved you can remind them to circle the numbers and write them down in order as well as underline the words that represent addition or subtraction. This is the final page set for solving word problems with ordinal numbers. If your child struggled with this section, have them check their answers in the Answer Key and return to any problems they got wrong and try them again.
	32	64-65		
	33	66-67		
	34	68-69		
Topic: Review				
	35	70-71	Mixed Calculation Review	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. Your child can also draw the word problem components like number of apples or people to help them visualize what is happening in the problem. 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 persons 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 these answers are wrong, encourage your child to go back to that problem and try it again.