KUM () N° DESCRIPTION OF STUDY LEVELS - MATH

Level		Samples		Highlights
ECVE	7A 76a	7A 76b	7A 161a	Inginights
7A	© Court the sheep.	* Read the numbers. 1 2 3 4 5 6 7 8	How many data (8) are there?	Students count up to 10 pictures and dots individually and as a group. Mastery is gradual and the eventual goal is for students to be able to say the total number of objects in each group without counting.
6 A	6A 37a Read the numbers about How many are then? Read the numbers about Read the numbers about	6A 100a * Need the numbers while providing to each one. 28 25 26 27	6A 173a How many dids (e) are there?	Students count up to 30 using pictures and numbers. Gradually, students learn to recognize groups of up to 20 dots without counting them individually.
5A	5A 41a a Draw a fine from @ 10 @. b Draw a fine from @ 10 @. 2	5A 147a Does a live from the car (a) to the star (a).	5A 187a * Does a No. The order of the nurshess which saying one level. * The same that is the order of the nurshess which saying one level. * The same that is the order of the nurshess which saying one level. * The same that is the order of the nurshess which saying one level. * The same that is the order of the nurshess which saying one level. * The same that is the order of the nurshess which saying one level. * The same that is the order of the nurshess which saying one level. * The same that is the order of the nurshess which saying one level. * The same that is the order of the nurshess which saying one level. * The same that is the order of the nurshess which saying one level. * The same that is the order of the nurshess which saying one level. * The same that is the order of the nurshess which saying one level. * The same that is the order of the nurshess which saying one level. * The same that is the order of the nurshess which is the nurshess whi	Students learn to use a pencil through line tracing exercises, beginning with short lines and advancing to long curved lines. The curved lines gradually take the shape of large numbers. This develops the fine motor skills needed to trace and write numbers independently and teaches the natural stroke order required for number formation. Students also develop their concentration ability and learn to recite numbers up to 50.
4A	4A 40a Web Parament 1 3 5 2 4 6 8 10 7 9	4A 79a 1 2 3 4 5 6 7 8 9 10 With the Partition II. 5 - 6	## 191b These frame a revolve within principle to each are. 5	Students learn to write numbers up to 50. Students deepen their understanding of the number sequence through writing consecutive numbers and filling in the blanks in number tables, number boards, and complete-the-sequence problems. By the end of the level, students learn to read up to 100.
3A	3A 69b Fill neach circle with the reserge purplex. 101 03 104 105 107 108 110 111 112 113 115 116 118 120	3A 74a • White the number that convent rest. $2 \longrightarrow 3$ $2 + 1 = 3$ The plant one exposit thes. $4 \longrightarrow 4 + 1 = 5$ For plant one exposit $5 \longrightarrow 5$ $5 + 1 = 5$	3A 195a os 2 + 3 = 3 + 3 = 6 + 3 = 8 + 3 = 5 + 3 = 9 + 3 = 1 + 3 = 10 + 3 =	Students continue to enhance their understanding of the sequence of numbers as well as the number-writing skills that they developed in Level 4A. Students are introduced to addition in Level 3A. At first, they master +1, +2, through to +3 individually. The last 20 sheets of this level are dedicated to addition questions from +1 to +3.
24	2A 31a Add 1 2 3 4 5 6 7 8 9 10 1 2 + 4 = 6 2 + 5 = 7 1 + 4 = 5 1 + 5 =	2A 78b (1) 4 + 6 = (20) 6 + 6 = (21) 3 + 6 = (22) 5 + 6 = (23) 9 + 6 = (24) 8 + 6 = (25) 11 + 6 = (26) 12 + 6 =	2A 200b 3	In this level, students further develop basic mental calculation skills in addition through a sequential study of adding 4 through adding 10. It is very important that students master the contents of this level for smooth progress in subsequent levels. Level 2A aims to develop the concentration ability and work skills necessary for Level A.
	A 68a	A 81a ◆ Subtract. 1 2 3 4 5 6 7 8 9 10 (1) 2 - = 100 mmus one equals too. (2) 33 - = 2 100 mmus one equals too. (3) 4 - = (4) 5 - = (5) 6 - =	A 191a 10 10 3 = 10 10 6 = 10 10 6 = 10 10 6 = 10 10 6 = 10 10 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6 = 10 11 6	Level A continues horizontal addition with larger numbers. Mastering addition ensures a smooth introduction to subtraction in this level. This level aims to develop mental calculations, while strengthening students' concentration ability and their work skills.
	B 80b (1) 322	B 187a (1) 756 (4) 674 (259) (2) 756 (5) 674 (2274) (3) 756 (4) 674 (2289)	B 199a (1) There are 850 apple trees on Denny's farm and 500 apple trees on Birt sum. How many more apple trees does Denny's farm have? (2) Norman received a book that had 350 pages. He read 275 pages. How many pages were left for him to read?	This level teaches vertical addition and subtraction. Throughout it, students will encounter their first word problems in Kumon. This level draws on the advanced mental calculation skills learned in previous levels when students "carry" in addition questions and "borrow" in questions involving subtraction. Mastery of Level B greatly reduces errors in multiplication and division in Levels C and D.
G	C 32a	C 121a Solve the word grothems. (1) If 6 pieces of carriery are divided equally among 3 children, how many will each child receive? 6 ÷ 3 = General Carrier General C	C 200b (7) 21415 (4) 31320 (9) 41423	Students master the multiplication tables by practicing until they can answer immediately. Next, students learn up to 4-digit by 1-digit multiplication with mental carryovers. Once multiplication is mastered, simple division by 1-digit is introduced. Students who have developed good mental calculation ability will not have to write division steps.
	D 11b (4) 32 (7) 32 X56 X51	D128b (4) We want to package 40 oranges in each box. How many boxes can be packaged with 150 oranges, and how many street to the package of	$\begin{array}{c cccc} \textbf{D166a} \\ \hline & \text{Reduce to simplest form.} \\ \hline (1) & \frac{10}{15} = & (9) & \frac{20}{22} = \\ \hline (2) & \frac{20}{25} = & (10) & \frac{21}{24} = \\ \hline (3) & \frac{30}{35} = & (11) & \frac{30}{33} = \\ \hline (4) & \frac{40}{45} = & (12) & \frac{33}{39} = \\ \hline \end{array}$	Students learn double digit multiplication before advancing to long division. In this challenging section, students develop estimation skills that will be necessary for future fraction work. Once students' ability to work with all 4 arithmetic operations is confirmed, they begin to study fractions, learning to reduce using the Greatest Common Factor.
	E 131a • Add or subtract. (1) $\frac{1}{4} + \frac{5}{6} =$ (2) $\frac{3}{5} - \frac{1}{3} =$ (3) $\frac{2}{3} - \frac{1}{6} =$ (4) $1\frac{1}{4} - \frac{5}{8} = 1\frac{1}{8} - \frac{5}{8} = \frac{5}{8} =$	E 179b (ii) $3\frac{1}{3} \times 1\frac{2}{3} =$ (iii) $3\frac{1}{3} \div 1\frac{2}{3} =$ (iii) $4\frac{2}{3} \div 6 =$ (iii) $6 \div \frac{4}{9} =$ (iii) $6 \div 2\frac{1}{4} =$	E 196a • Multiply, (Rewrite decimals as fractions before multiplying.) (1) $0.4 \times \frac{5}{8} =$ (2) $0.06 \times 3\frac{1}{3} =$ (3) $0.07 \times 1\frac{3}{7} =$ (4) $0.24 \times 3\frac{1}{8} =$	Students learn to add, subtract, multiply, and divide fractions. Proper intermediate steps are emphasized. At the end of the level, students learn basic fraction/decimal conversions.

