Kumon Mathematics Program

Level F				Four Operations with Fractions Order of Operations Word Problems Decimals		
Stude	ent Name	:				
Starti	ng Date:					
Comp	letion Da	ate: You	r Goal	The goal is based upon your		
Jan	Apr	July	Oct	individual abilities. It takes into account the number of pages you		
Feb	May	Aug	Nov	are currently able to complete per day and the number of repetitions		
Mar	June	Sep	Dec	necessary to ensure mastery of the worksheets.		
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Goals of Level F

At the end of this level, you will be able to calculate expressions involving fractions and decimals, including those expressions using a combination of operations.

Contents of Level F							
Worksheet Number	Section	Worksheet Number	Section				
1 - 20	Review up to E	61 - 130	Order of Operations				
21 - 30	Multiplication and Division of 3 Fractions	131 - 160	Fractions and Decimals				
31 - 50	Addition of 3 Fractions	161 - 180	Solving Word Problems				
51 - 60	Addition and Subtraction of 3 Fractions	181 - 200	Decimals				

Contants of Loval E

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Features of Level F

	F418 KUMON* P.41 Addition of 3 Fractions 2 None P.41 100% 40% 10% 10% Tom: 1 1 1						
	Calculate.						
	(1) $\frac{1}{2} + \frac{1}{3} + \frac{1}{4}$ (4) $\frac{1}{10} + \frac{1}{3} + \frac{1}{2}$						
oli Natar Infia							
te d'Eduction JP JP 2017 EN	(2) $\frac{1}{\delta} + \frac{1}{3} + \frac{1}{2}$ (5) $\frac{1}{2} + \frac{1}{4} + \frac{1}{\delta}$ = =						
	(1) $\frac{1}{2} + \frac{1}{3} + \frac{1}{6}$						



In this level, the first new focus point is the multiplication and division of three fractions. Then you will do exercises on calculating the Least Common Multiple (LCM) of three numbers. Being able to find the LCM of three numbers will enable you to add and subtract three fractions.

The addition and subtraction of three fractions will be easy to master if you follow the patterns set in the examples. Some exercises help build your mental calculation by omitting intermediate steps.

In Worksheets 61-130, you calculate expressions that have a combination of operations. The rules for calculating the four operations are as follows: Calculate items inside the grouping symbols first, and do multiplication and division before addition and subtraction (left to right).

In Worksheets 131-160, you will learn how to write a fraction in decimal form. We encourage you to memorize common decimals such as 0.5, 0.25, 0.125, etc.

Worksheets 181-200 focus on the four operations with decimals. After mastering this section, you will be able to use decimals confidently in future levels.

Instructor's Comments