Activities Overview Topics-and-Skills Overview Teacher's Guide		vi vii 1			
			Ten Activity Sheets for Learning About the Calculator		
			1-1	Keys to the Calculator's Heart · Introducing the calculator	11
1-2	The Speeding Addition Problem • Learning the calculator keys • Practicing addition facts	12			
1-3	The Speeding Subtraction Problem • Learning the calculator keys • Practicing subtraction facts	13			
1-4	The Speeding Multiplication Facts • Learning the calculator keys • Practicing multiplication facts	14			
1-5	The Speeding Division Facts • Learning the calculator keys • Practicing division facts	15			
1-6	The Great Mathematical Message · Learning the calculator keys · Practicing calculator operation	16			
1-7	Monster Math • Practicing calculator operation	17			
1-8	Crossnumber Puzzle · Developing speed and accuracy	18			
1-9	Calculator versus Calculator • Using the calculator judiciously	19			
1-10	The Great Turnover · Working with large numbers · Developing speed and accuracy	20			
Twenty	v-One Activity Sheets on Estimation				
1-11	Bigger Number Tips the Scales • Estimating in addition • Rounding to the nearest ten • Comparing sizes of numbers	21			
1-12	Which is Greater? • Estimating in addition • Rounding to the nearest ten or hundred • Comparing number values	22			

1-13	One Higher, One Lower • Estimating in addition • Rounding to the nearest ten	23
1-14	Guess the Shortest Route • Estimating in addition • Rounding • Reading maps	24
1-15	How Many Hundreds: Part I · Estimating in addition · Rounding to the nearest hundred · Adding four-digit numbers	25
1-16	How Many Hundreds: Part II • Estimating in addition • Rounding to the nearest hundred • Adding four-digit numbers	26
1-17	About the Same • Estimating in subtraction • Rounding to the nearest ten • Subtracting three-digit numbers	27
1-18	Speedy Subtraction: Part I • Estimating in subtraction • Rounding to the nearest ten or hundred	28
1-19	Speedy Subtraction: Part II • Estimating in subtraction • Rounding to the nearest ten or hundred	29
1-20	Find the Smaller Number • Estimating in subtraction • Comparing subtraction sentences • Adjusting for rounding error	30
1-21	Round and Multiply • Estimating in multiplication • Rounding to the nearest ten • Multiplying rounded numbers	31
1-22	Easy Multiplication • Estimating in multiplication • Rounding to the nearest ten or hundred	32
1-23	Guess One Higher, One Lower • Estimating in multiplication • Rounding to the nearest ten	33
1-24	Code Puzzle • Estimating in multiplication • Rounding to the nearest ten or hundred	34
1-25	Number Line Puzzle • Estimating in multiplication • Adjusting for rounding error • Using a number line	35

1-26	The Hidden Message • Estimating in multiplication	36
1-27	Whiz Quiz • Estimating in multiplication • Rounding to the nearest ten or hundred	37
1-28	Quick Parts • Estimating fractional parts	38
1-29	The Educated Guess: Part I • Estimating in division	39
1-30	The Educated Guess: Part II • Estimating in division	40
1-31	The Line-Up • Estimating in division • Rounding to the nearest whole number	41
Elever	Activity Sheets with Games	
1-32	Checking the Facts · Reviewing addition facts	42
1-33	The Nimble-Minded Adder • Reviewing addition facts • Detecting patterns • Developing strategies	43
1-34	The Nimble-Minded Subtractor • Reviewing subtraction facts • Reviewing multiplication facts • Detecting patterns • Developing strategies	44
1-35	The Nimble-Minded Multiplier · Reviewing multiplication facts · Reviewing division facts · Detecting patterns · Developing strategies	45
1-36	The Nimble-Minded Divider · Developing factoring skills · Reviewing division facts · Detecting patterns · Developing strategies	46
1-37	Mental Magic · Reviewing number facts	47
1-38	Operation "Close Watch" • Reviewing number facts • Developing strategies	48

1-39	Three-Button Blues • Reviewing number facts • Developing strategies	49
1-40	Dangerous Division • Reinforcing division skills	50
1-41	Big Number Wins Understanding order of operations Using special calculator algorithms	51
1-42	The Magician • Developing algebraic reasoning	52
Two A	ctivity Sheets on Patterns	
1-43	Pattern Mysteries: Part I • Detecting and extending patterns	53
1-44	Pattern Mysteries: Part II • Detecting and extending patterns	54
Eight 2	Activity Sheets on Problem Solving	
1-45		55
1-46	Some Costs of Living Increasing consumer awareness Solving problems	56
1-47	Going Camping Increasing consumer awareness Constructing tables	57
1-48	Traveling in North America • Estimating in addition • Reading maps	58
1-49	The Great Carpet Sale • Increasing consumer awareness • Finding area • Finding price per unit	59
1-50	Painting the Shed • Finding area • Developing consumer skills	60
1-51	MacDonald's Fence: Part I • Calculating area and ratio	61
1-52	MacDonald's Fence: Part II · Calculating area and ratio	62
Answer Key		63