9-12 Montessori Math Sequence Record for _____

(/= card partially attempted; Λ = whole card attempted with error; Δ = whole card completed successfully)

	Drawer number and title	Card lette	er								Date mastered
1.	Whole number numeration	a	b	C	d	e	f	q	h	ii	
2.	Multiplication using "magic zeros"							•			
3.	Multiplication with a 1-digit multiplier										
4.	Multiplication with a 2-digit multiplier							-			
5.	Multiplication with a 3-digit multiplier	a	b	C	d	e	f	g	h	ii	
6.	Multiplication with a 4-digit multiplier							-			
7.	Division with a 1-digit divisor	a	b	C	d	e	f	g	h	ii	
8.	Division with a 2-digit divisor	a	b	C	d	e	f	g	h	ii	
9.	Division with a 3-digit divisor	a	b	C	d	e	f	g	h	ii	
10.	Division with a 4-digit divisor	a	b	c	d	e	f	g	h	ii	
11.	Divisibility	a	b	c	db	e	f	g	h	ii	
12.	Finding all factors	a	b	c	d	e	f	g	h	ii	
13.	Finding prime factorization	a	b	c	d	e	f	g	h	ii	
14.	Finding the greatest common factor	a	b	c	db	e	f	g	h	ii	
15.	Finding multiples	a	b	c	d	e	f	g	h	ii	
16.	Finding the least common multiple	a	b	c	d	e	f	g	h	ii	
17.	Equivalent fractions	a	b	c	d	e	f	g	h	ii	
18.	Changing improper fractions to mixed numbers	a	b	c	d	e	f	g	h	ii	
19.	Reducing fractions and mixed numbers	a	b	c	d	e	f	g	h	ii	
20.	Comparing and ordering fractions							•			
21.	Addition and subtraction of fractions with same denominators	a	b	c	d	e	f	g	h	ii	
22.	Addition and subtraction of mixed numbers with same denominators	a	b	c	d	e	f	g	h	ii	
23.	Addition and subtraction of fractions with different denominators	a	b	c	d	e	f	g	h	ii	
24.	Addition and subtraction of mixed numbers with different denominators							•			
25.	Fractions times whole numbers							•			
26.	Whole numbers times fractions							•			
27.	Fractions times fractions							•			
28.	Mixed numbers times mixed numbers							•			
29.	Finding fractional parts										
30.	Fractions divided by whole numbers										
31.	Whole numbers divided by fractions							•			
32.	Fractions divided by fractions							-			
33.	Mixed numbers divided by mixed numbers							•			
34.	Decimal numeration							-			
35.	Changing fractions to decimals							•			
36.	Changing decimals to fractions							-			
37.	Comparing and ordering fractions							-			
38.	Adding and subtracting decimals							-			
39.	Decimals times powers of ten							-			
40.	Decimals times whole numbers							•			
41.	Decimals times decimals							-			
42.	Decimals divided by powers of ten							-			
43.	Decimals divided by whole numbers	a	b	C	d	e	t	g	h	ii	

45 Decimals divided by decimals and percents	44.	Whole numbers divided by decimals	a	b	C (l	e f	(ıl	1	i	İ
47. Operations with fractions and decimals		•										
47. Operations with fractions and decimals	46.	Equivalence of fractions, decimals and percents	a	b	C (d	e f	ç	, j l	1	i	
49. Percents: finding the 'percent'	47.							-	-			
50 Percents: finding the 'whole'	48.	Percents: finding the 'portion'	a	b	C (d	e f	<u>(</u>	j l	1	i	
State Stat	49.	Percents: finding the 'percent'	a	b	C (d	e f	(j l	1	i	i
Solving exponents	50 .	Percents: finding the 'whole'	a	b	C	d	e f	<u>(</u>	, J l	1	i	
Solving exponents	51.	Ratios and proportions	a	b	C	d	e f	<u>(</u>	, J l	1	i	
54. Simplifying exponents. 55. Using scientific notation. 56. Binomials times monomials. 57. Trianomials times monomials. 58. Binomials times monomials. 59. Trianomials times binomials. 50. C. d. e. f. g. h. i. i. j.	52 .	Writing exponents	a	b	C	d	e f	<u>(</u>	j l	1	i	
55. Using scientific notation	53.	Solving exponents	a	b	C	d	e f	<u>(</u>	j l	1	i	
56. Binomials times monomials	54.	Simplifying exponents	a	b	C (d	e f	(J l	1	i	i
57. Trinomials times monomials.	55.							-	-			
SB. Binomials times binomials. 0	56.	Binomials times monomials	a	b	C	d	e f	<u>(</u>	, J l	1	i	
59. Trinomials times trinomials	57.	Trinomials times monomials	a	b	C	d	e f	<u>(</u>	j l	1	i	
60. Passage from one square to another square	58.	Binomials times binomials	a	b	C (d	e f	(J l	1	i	i
61. Squares of binomials. 62. Squares of trinomials. 63. Squares of quadrinomials. 64. Binomial square roots. 65. Trinomial square roots. 66. Quadrinomial square roots. 67. Passage from one cube to another cube. 68. Cubes of binomials. 69. Cubes of trinomials. 60. Cubes of quadrinomials. 61. Cubes of quadrinomials. 62. Cubes of trinomials. 63. Cubes of trinomials. 64. Cubes of trinomials. 65. Cubes of binomials. 65. Cubes of binomials. 65. Cubes of binomials. 66. Cubes of binomials. 67. Cubes of eff. g. h. i. i. j.	59.	Trinomials times trinomials	a	b	C (d	e f	(J l	1	i	i
62. Squares of trinomials	60.	Passage from one square to another square	a	b	c	d	e f	(j l	1	i	<u> </u>
63. Squares of quadrinomials a b c d e f g h i j 64. Binomial square roots a b c d e f g h i j 65. Trinomial square roots a b c d e f g h i j 66. Quadrinomial square roots a b c d e f g h i j 67. Passage from one cube to another cube a b c d e f g h i j 68. Cubes of binomials a b c d e f g h i j 69. Cubes of trinomials a b c d e f g h i j 70. Cubes of quadrinomials a b c d e f g h i j 71. Binomial cube roots a b c d e f g h i j 72. Trinomial cube roots a b c d e f g h i j 73. Quadrinomial cube roots a b c d e f g h i j 74. Number lines and coordinate grids a b c d e f g h i j 75. Adding and subtracting integers a b c d e f g h i j 76. Multiplying and dividing integers a b c d e f g h i j 77. Writing equations a b c d e f g h i j 78. Solving for a variable: one step, addition or subtraction a b c d e f g h i j 79. Solving for a variable: one step, addition or division a b c d e f g h i j 80. Order of operations a b c d e f g h i j 81. Solving for a variable (two steps) a b c d e f g h i j 82. Solving and astimating with integers a b c d e f g h i j 83. Evaluating expressions a b c d e f g h i j 84. Solving and estimating with integers a b c d e f g h i j 86. Rounding and estimating with integers a b c d e f g h i j 87. Money: discounts and interest a b c d e f g h i j	61.	Squares of binomials	a	b	c	ł	e f	<u>(</u>	j l	1	i	<u> </u>
64. Binomial square roots	62.	Squares of trinomials	a	b	c	d	e f	<u>(</u>	j l	1	i	<u> </u>
65. Trinomial square roots a b c d e f g h i i 66. Quadrinomial square roots a b c d e f g h i i 67. Passage from one cube to another cube a b c d e f g h i i 68. Cubes of binomials a b c d e f g h i i 69. Cubes of trinomials a b c d e f g h i i 70. Cubes of quadrinomials a b c d e f g h i i 71. Binomial cube roots a b c d e f g h i i 72. Trinomial cube roots a b c d e f g h i i 73. Quadrinomial cube roots a b c d e f g h i i 74. Number lines and coordinate grids a b c d e f g h i i 75. Adding and subtracting integers a b c d b c d e f g h i i 77. Writing equations a b c d b c d e f g h i i 77. Solving for a variable: one step, addition or subtraction a b c d e f g h i i 1 79. Solving for a variable: one step, multiplication or division a b c d e f g h i i 1	63.	Squares of quadrinomials	a	b	c	d	e f	(j l	1	i	<u> </u>
66. Quadrinomial square roots	64.	Binomial square roots	a	b	c	d	e f	<u>(</u>	j l	1	i	İ
67. Passage from one cube to another cube a b c d e f g h i j 68. Cubes of binomials	65.	Trinomial square roots	a	b	c	d	e f	<u>(</u>	j l	1	i	<u> </u>
68. Cubes of binomials. a b c d e e f g h i i 69. Cubes of trinomials. a b c d e e f g h i i 70. Cubes of quadrinomials. a b c d e e f g h i i 71. Binomial cube roots. a b c d e e f g h i i 72. Trinomial cube roots. a b c d e e f g h i i 73. Quadrinomial cube roots. a b c d e e f g h i i 74. Number lines and coordinate grids. a b c d e e f g h i i 75. Adding and subtracting integers. a b c d e e f g h i i 76. Multiplying and dividing integers. a b c d e e f g h i i 77. Writing equations. a b c d e e f g h i i 78. Solving for a variable: one step, addition or subtraction. a b c d e e f g h i i 79. Solving for a variable: one step, multiplication or division. a b c d e e f g h i i 80. Order of operations. a b c d e e f g h i i 81. Solving and graphing functions. a b c d e e f g h i i 82. Solving and graphing functions. a b c d e f g h i i 83. Evaluating expressions. a b c d e f g h i i 84. Solving and estimating with integers. a b c d e f g h i i 85. Rounding and estimating with rational numbers. a b c d e f g h i i 86. Rounding and estimating with rational numbers. a b c d e f g h i i 87. Money: discounts and interest.	66.	Quadrinomial square roots	a	b	c	ł	e f	<u>(</u>	j l	1	i	<u> </u>
69. Cubes of trinomials	67.	Passage from one cube to another cube	a	b	c	d	e f	<u>(</u>	j l	1	i	İ
70. Cubes of quadrinomials	68.	Cubes of binomials	a	b	c	d	e f	(j l	1	i	İ
71. Binomial cube roots	69.	Cubes of trinomials	a	b	c	d	e f	(j l	1	i	İ
72. Trinomial cube roots	70.	Cubes of quadrinomials	a	b	c (d	e f	(j l	1	i	İ
73. Quadrinomial cube roots	71.	Binomial cube roots	a	b	c (d	e f	(j l	1	i	<u> </u>
74. Number lines and coordinate grids	72.	Trinomial cube roots	a	b	c (:b	e f	(j l	1	i	i
75. Adding and subtracting integers	73.	Quadrinomial cube roots	a	b	c (:b	e f	(j l	1	i	i
76. Multiplying and dividing integers	74.	Number lines and coordinate grids	a	b	c (:	e f	(j l	1	i	i
77. Writing equations	75.	Adding and subtracting integers	a	b	c (d	e f	(j l	1	i	i
78. Solving for a variable: one step, addition or subtraction a b c d e f g h i j 79. Solving for a variable: one step, multiplication or division a b c d e f g h i j 80. Order of operations a b c d e f g h i j 81. Solving for a variable (two steps) a b c d e f g h i j 82. Solving equations: variable occurs more than once a b c d e f g h i j 83. Evaluating expressions a b c d e f g h i j 84. Solving and graphing functions a b c d e f g h i j 85. Rounding and estimating with integers a b c d e f g h i j 86. Rounding and estimating with rational numbers a b c d e f g h i j 87. Money: discounts and interest a b c d e f g h i j	76.	Multiplying and dividing integers	a	b	C (d	e f	(j l	1	i	İ
79. Solving for a variable: one step, multiplication or division	77.	• •										
80. Order of operations a b c d e f g h i j 81. Solving for a variable (two steps) a b c d e f g h i j 82. Solving equations: variable occurs more than once a b c d e f g h i j 83. Evaluating expressions a b c d e f g h i j 84. Solving and graphing functions a b c d e f g h i j 85. Rounding and estimating with integers a b c d e f g h i j 86. Rounding and estimating with rational numbers a b c d e f g h i j 87. Money: discounts and interest a b c d e f g h i j	78.	•										
81. Solving for a variable (two steps)	79.	· · · · ·										
82. Solving equations: variable occurs more than once	80.	·										
83. Evaluating expressions a b c d e f g h i j 84. Solving and graphing functions a b c d e f g h i j 85. Rounding and estimating with integers a b c d e f g h i j 86. Rounding and estimating with rational numbers a b c d e f g h i j 87. Money: discounts and interest a b c d e f g h i j	81.	, ,,						•	•			
84. Solving and graphing functions a b c d e f g h i j 85. Rounding and estimating with integers a b c d e f g h i j 86. Rounding and estimating with rational numbers a b c d e f g h i j 87. Money: discounts and interest a b c d e f g h i j	82.	· ·										
85. Rounding and estimating with integers	83.											
86. Rounding and estimating with rational numbers a b c d e f g h j 87. Money: discounts and interest a b c d e f g h j	84.											
87. Money: discounts and interest j i	85.											
,	86.	<u> </u>										
88 Money: taxes and commissions a h c d e f a h i i	87.	·										
,	88.	·										
89. Data analysis d e f j j	89.	•						•	•			
90. Probability a b c d e f j	90.	Probability	a	b	C (d	e f	(Jl	1	i	İ