9-12 Montessori Math Story Problem Record for _____

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

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

Drawer number and title	a	b	c	d	e	f	g	h	i	j	Date mastered
44. Whole numbers divided by decimals	a	b	c	d	e	f	g	h	i	j	
45. Decimals divided by decimals	a	b	c	d	e	f	g	h	i	j	
46. Equivalence of fractions, decimals and percents	a	b	c	d	e	f	g	h	i	j	
47. Operations with fractions and decimals	a	b	c	d	e	f	g	h	i	j	
48. Percents: finding the 'portion'	a	b	c	d	e	f	g	h	i	j	
49. Percents: finding the 'percent'	a	b	c	d	e	f	g	h	i	j	
50. Percents: finding the 'whole'	a	b	c	d	e	f	g	h	i	j	
51. Ratios and proportions	a	b	c	d	e	f	g	h	i	j	
52. Writing exponents	a	b	c	d	e	f	g	h	i	j	
53. Solving exponents	a	b	c	d	e	f	g	h	i	j	
54. Simplifying exponents	a	b	c	d	e	f	g	h	i	j	
55. Using scientific notation	a	b	c	d	e	f	g	h	i	j	
56. Binomials times monomials	a	b	c	d	e	f	g	h	i	j	
57. Trinomials times monomials	a	b	c	d	e	f	g	h	i	j	
58. Binomials times binomials	a	b	c	d	e	f	g	h	i	j	
59. Trinomials times trinomials	a	b	c	d	e	f	g	h	i	j	
60. Passage from one square to another square	a	b	c	d	e	f	g	h	i	j	
61. Squares of binomials	a	b	c	d	e	f	g	h	i	j	
62. Squares of trinomials	a	b	c	d	e	f	g	h	i	j	
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, 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	
88. Money: taxes and commissions	a	b	c	d	e	f	g	h	i	j	
89. Data analysis	a	b	c	d	e	f	g	h	i	j	
90. Probability	a	b	c	d	e	f	g	h	i	j	