

	Date			Test Score			Proficiency			Counting?	
<i>Pretest (Unit Test I)</i>											
	LESSON PRACTICE			TEACH BACK	SYSTEMATIC REVIEW			A&E	Lesson Test	Test Date	
	A	B	C		D	E	F				
1 Rectangles											
2 Multiplying by 1 and 0											
3 Skip Counting by 2, 5, and 10											
4 Multiplying by 2											
5 Multiplying by 10											
6 Multiplying by 5											

	Date			Test Score			Proficiency			Counting?	
<i>Posttest (Unit Test I)</i>											

LESSON OBJECTIVES

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| <p>Lesson 1 Rectangles</p> <ul style="list-style-type: none"> <input type="checkbox"/> GA.1.a Identify a rectangle and a square <input type="checkbox"/> GA.1.b Use a unit square to measure area <p>Lesson 2 Multiplying by 1 and 0</p> <ul style="list-style-type: none"> <input type="checkbox"/> GA.2.a Multiply a number zero through ten by one <input type="checkbox"/> GA.2.b Explain why zero times any number is zero <input type="checkbox"/> GA.2.c Apply knowledge of the Commutative Property of Multiplication to identify the factors and product of a multiplication model <p>Lesson 3 Skip Counting by 2, 5, and 10</p> <ul style="list-style-type: none"> <input type="checkbox"/> GA.3.a Skip count by two <input type="checkbox"/> GA.3.b Skip count by five <input type="checkbox"/> GA.3.c Skip count by ten | <p>Lesson 4 Multiplying by 2</p> <ul style="list-style-type: none"> <input type="checkbox"/> GA.4.a Multiply a number zero through ten by two <input type="checkbox"/> GA.4.b Use multiplication by two to convert quarts to pints <p>Lesson 5 Multiplying by 10</p> <ul style="list-style-type: none"> <input type="checkbox"/> GA.5.a Multiply a number zero through ten by ten <input type="checkbox"/> GA.5.b Use multiplication by ten to convert dimes to cents <p>Lesson 6 Multiplying by 5</p> <ul style="list-style-type: none"> <input type="checkbox"/> GA.5.a Multiply a number zero through ten by five <input type="checkbox"/> GA.6.b Use multiplication by five to convert nickels to cents |
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	Date			Test Score			Proficiency			Counting?	
<i>Pretest (Unit Test II)</i>											
	LESSON PRACTICE			TEACH BACK	SYSTEMATIC REVIEW			A&E	Lesson Test	Test Date	
	A	B	C		D	E	F				
7 Area of a Rectangle											
8 Solve for an Unknown Factor											
9 Skip Counting by 9											
10 Multiplying by 9											
11 Skip Counting by 3											
12 Multiplying by 3											
13 Skip Counting by 6											
14 Multiplying by 6											

	Date			Test Score			Proficiency			Counting?	
<i>Posttest (Unit Test II)</i>											

LESSON OBJECTIVES

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| <p>Lesson 7 Area of a Rectangle</p> <ul style="list-style-type: none"> <input type="checkbox"/> GA.7.a Use multiplication to find the area of a rectangle with known dimensions <input type="checkbox"/> GA.7.b Use multiplication to solve word problems involving area <p>Lesson 8 Solve for an Unknown Factor</p> <ul style="list-style-type: none"> <input type="checkbox"/> GA.8.a Find an unknown factor <p>Lesson 9 Skip Counting by 9</p> <ul style="list-style-type: none"> <input type="checkbox"/> GA.9.a Skip count by nine <input type="checkbox"/> GA.9.b Use skip counting to make equivalent fractions <p>Lesson 10 Multiplying by 9</p> <ul style="list-style-type: none"> <input type="checkbox"/> GA.10.a Multiply a number zero through ten by nine | <p>Lesson 11 Skip Counting by 3</p> <ul style="list-style-type: none"> <input type="checkbox"/> GA.11.a Skip count by three <p>Lesson 12 Multiplying by 3</p> <ul style="list-style-type: none"> <input type="checkbox"/> GA.12.a Multiply a number zero through ten by three <input type="checkbox"/> GA.12.b Use multiplication by three to convert yards to feet and tablespoons to teaspoons <p>Lesson 13 Skip Counting by 6</p> <ul style="list-style-type: none"> <input type="checkbox"/> GA.13.a Skip count by six <input type="checkbox"/> GA.13.b Count shaded parts of a rectangle to name a fraction <p>Lesson 14 Multiplying by 6</p> <ul style="list-style-type: none"> <input type="checkbox"/> GA.14.a Multiply a number zero through ten by six |
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	Date			Test Score			Proficiency			Counting?	
<i>Pretest (Unit Test III)</i>											
	LESSON PRACTICE			TEACH BACK	SYSTEMATIC REVIEW			A&E	Lesson Test	Test Date	
	A	B	C		D	E	F				
15 Skip Counting by 4											
16 Multiplying by 4											
17 Skip Counting by 7											
18 Multiplying by 7											
19 Skip Counting by 8											
20 Multiplying by 8											

	Date			Test Score			Proficiency			Counting?	
<i>Posttest (Unit Test III)</i>											

LESSON OBJECTIVES

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| <p>Lesson 15 Skip Counting by 4</p> <ul style="list-style-type: none"> <input type="checkbox"/> GA.15.a Skip count by four <input type="checkbox"/> GA.15.b Use multiplication by four to convert gallons to quarts <p>Lesson 16 Multiplying by 4</p> <ul style="list-style-type: none"> <input type="checkbox"/> GA.16.a Multiply a number zero through ten by four <input type="checkbox"/> GA.16.b Use multiplication by four to convert dollars to quarters <p>Lesson 17 Skip Counting by 7</p> <ul style="list-style-type: none"> <input type="checkbox"/> GA.17.a Skip count by seven <input type="checkbox"/> GA.17.b Multiply multiples of ten by single-digit numbers | <p>Lesson 18 Multiplying by 7</p> <ul style="list-style-type: none"> <input type="checkbox"/> GA.18.a Multiply a number zero through ten by seven <input type="checkbox"/> GA.18.b Multiply one hundred by a single-digit number <p>Lesson 19 Skip Counting by 8</p> <ul style="list-style-type: none"> <input type="checkbox"/> GA.19.a Skip count by eight <input type="checkbox"/> GA.19.b Use multiplication by eight to convert gallons to pints <p>Lesson 20 Multiplying by 8</p> <ul style="list-style-type: none"> <input type="checkbox"/> GA.20.a Multiply a number zero through ten by eight |
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	Date			Test Score			Proficiency			Counting?	
<i>Pretest (Unit Test IV)</i>											
	LESSON PRACTICE			TEACH BACK	SYSTEMATIC REVIEW			A&E	Lesson Test	Test Date	
	A	B	C		D	E	F				
21 Multiple-Digit Multiplication											
22 Rounding, Estimating											
23 2-Digit × 2-Digit											
24 2-Digit Regrouping											
25 Multiple-Digit Regrouping											
26 Factors											
27 Millions											
28 Multiple-Digit Multiplication											
29 Prime Numbers											
30 Miles and Tons											
	Date			Test Score			Proficiency			Counting?	
<i>Posttest (Unit Test IV)</i>											

LESSON OBJECTIVES

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| <p>Lesson 21 Multiple-Digit Multiplication</p> <p><input type="checkbox"/> GA.21.a Use place-value strategies and the Distributive Property of Multiplication over Addition to multiply numbers with one multiple-digit factor and one single-digit factor</p> <p>Lesson 22 Rounding, Estimating</p> <p><input type="checkbox"/> GA.22.a Round to the closest ten, hundred, and thousand</p> <p><input type="checkbox"/> GA.22.b Use rounding to estimate the answer to a multiplication problem</p> <p>Lesson 23 2-Digit × 2-Digit</p> <p><input type="checkbox"/> GA.23.a Multiply a two-digit number by a two-digit number (no regrouping)</p> <p>Lesson 24 2-Digit Regrouping</p> <p><input type="checkbox"/> GA.24.a Multiply a two-digit number by a two-digit number, using regrouping as needed</p> <p>Lesson 25 Multiple-Digit Regrouping</p> <p><input type="checkbox"/> GA.25.a Multiply a three-digit number by a two-digit number, using regrouping as needed</p> <p>Lesson 26 Factors</p> <p><input type="checkbox"/> GA.26.a Find all possible factor pairs for a given number</p> <p><input type="checkbox"/> GA.26.b Multiply to find the number of cents in a given number of quarters</p> | <p>Lesson 27 Millions</p> <p><input type="checkbox"/> GA.27.a Represent and interpret numbers up to the one hundred millions with words, place-value notation, and standard notation</p> <p><input type="checkbox"/> GA.27.b Use multiplication by sixteen to convert pounds to ounces</p> <p>Lesson 28 Multiple-Digit Multiplication</p> <p><input type="checkbox"/> GA.28.a Multiply a three-digit number by a three-digit number</p> <p><input type="checkbox"/> GA.28.b Multiply a four-digit number by a three-digit number</p> <p>Lesson 29 Prime Numbers</p> <p><input type="checkbox"/> GA.29.a Find all possible pairs of factors for a number</p> <p><input type="checkbox"/> GA.29.b Determine whether a number is prime or composite</p> <p><input type="checkbox"/> GA.29.c Multiply twelve by a single-digit number</p> <p>Lesson 30 Miles and Tons</p> <p><input type="checkbox"/> GA.30.a Use multiplication (by a whole number conversion factor) to convert miles to feet and tons to pounds</p> |
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Appendix A1**A** More on Fractions**LESSON OBJECTIVES****Appendix A More on Fractions**

- GA.A1.a Use models to represent fractions of whole numbers
- GA.A1.b Describe a simple proper fraction using the terms numerator and denominator
- GA.A1.c Describe the relationship of two fractions using $>$ or $<$

Appendix B1**B** Metric Measures**LESSON OBJECTIVES****Appendix B Metric Measures**

- GA.B1.a Identify the appropriate metric units of measurement for length, volume, and mass
- GA.B1.b Solve application problems involving metric units of length, volume, and mass