

Module 2 - Student Friendly Rubrics

Domain: Operations and Algebraic Thinking	
Standard 5.OA.1	Use parentheses, brackets, or braces in numerical expressions, and evaluate expressions with these symbols.
Evaluate	Math Test: Module 2
Standard Proficiency Rubric	
<p>4 - Exceeds proficient expectations.</p> <ul style="list-style-type: none"> - I can use parentheses to solve problems. - I can write with parentheses to solve problems. - I can explain the purpose of parentheses. <p>3 - Proficient and meets expectations</p> <ul style="list-style-type: none"> - I can use parentheses to solve problems. - I can write with parentheses to solve problems. <p>2 - Shows progress yet far from expectations or shows limited progress.</p> <ul style="list-style-type: none"> - I can write using parentheses. - I struggle with using parentheses. <p>1 - Does not show progress or expectations.</p> <ul style="list-style-type: none"> - I do not know how to use or write parentheses. 	

Domain: Operations and Algebraic Thinking	
Standard 5.OA.2	Write simple expressions that record calculations with numbers, and interpret numerical expressions without evaluating them. For example, express the calculation "add 8 and 7, then multiply by 2" as $2 \times (8 + 7)$. Recognize that $3 \times (18932 + 921)$ is three times as large as $18932 + 921$, without having to calculate the indicated sum or product.
Evaluate	Math Test: Module 2
Standard Proficiency Rubric	
<p>4 - Exceeds proficient expectations.</p> <ul style="list-style-type: none"> - I can write expressions using parentheses. - I make no errors. <p>3 - Proficient and meets expectations</p> <ul style="list-style-type: none"> - I can write expressions using parentheses. - I make one simple error. <p>2 - Shows progress yet far from expectations or shows limited progress.</p> <ul style="list-style-type: none"> - I struggle writing expressions. - I struggle writing in parentheses. - I make one simple error. <p>1 - Does not show progress or expectations.</p> <ul style="list-style-type: none"> - I don't understand expressions, parentheses, or how to write them. 	

Domain: Number and Operations in Base Ten

Standard 5.NBT.1	Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left.
---------------------	--

Evaluate	Math Test: Module 2
----------	---------------------

Standard Proficiency Rubric	
4 - Exceeds proficient expectations.	
<ul style="list-style-type: none">- I understand why I move the decimal to the right during multiplication.- I understand why I move the decimal to the left during division.- I can <u>show</u> and <u>explain</u> which way I move the decimal during multiplication and division.- I made no errors.	
3 - Proficient and meets expectations	
<ul style="list-style-type: none">- I understand why I move the decimal to the right during multiplication.- I understand why I move the decimal to the left during division.- I can show which way I move the decimal during multiplication and division.- I made no errors.	
2 - Shows progress yet far from expectations or shows limited progress.	
<ul style="list-style-type: none">- I struggle understanding how and why I move the decimal.- I made significant errors when multiplying and dividing.- I made significant errors.	
1 - Does not show progress or expectations.	
<ul style="list-style-type: none">- I do not understand when I have to move the decimal when I multiply or divide.	

Domain: Number and Operations in Base Ten

Standard 5.NBT.2	Explain patterns in the number of zeros of the product when multiplying a number by powers of 10, and explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10. Use whole-number exponents to denote powers of 10.
---------------------	---

Evaluate	Math Test: Module 2,
----------	----------------------

Standard Proficiency Rubric	
4 - Exceeds proficient expectations.	
<ul style="list-style-type: none">- I understand multiplying by powers of 10.- I understand dividing by powers of 10.- I understand shifting the decimal.- I can explain shifting the decimal when multiplying or dividing powers of 10.	
3 - Proficient and meets expectations	
<ul style="list-style-type: none">- I understand multiplying by powers of 10.- I understand dividing by powers of 10.- I understand shifting the decimal.- I struggle to explain shifting the decimal when multiplying or dividing powers of 10.	
2 - Shows progress yet far from expectations or shows limited progress.	
<ul style="list-style-type: none">- I struggle with shifting the decimal when multiplying or dividing by powers of 10.- I made significant errors.	
1 - Does not show progress or expectations.	
<ul style="list-style-type: none">- I struggle with powers of 10.	

Domain: Number and Operations in Base Ten	
Standard 5.NBT.5	Fluently multiply multi-digit whole numbers using the standard algorithm.
Evaluate	Math Test: Module 2,
<p>Standard Proficiency Rubric</p> <p>4 - Exceeds proficient expectations.</p> <ul style="list-style-type: none"> - I can multiply multi-digit whole numbers. - I made no errors. <p>3 - Proficient and meets expectations</p> <ul style="list-style-type: none"> - I can multiply multi-digit whole numbers. - I made simple errors. <p>2 - Shows progress yet far from expectations or shows limited progress.</p> <ul style="list-style-type: none"> - I struggle with multiply multi-digit numbers. (Lining up the place values, and adding.) <p>1 - Does not show progress or expectations.</p> <ul style="list-style-type: none"> - I do not understand multi-digit multiplication. 	

Domain: Number and Operations in Base Ten	
Standard 5.NBT.6	Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors, using strategies based on place value, properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.
PPD	
<p>Standard Proficiency Rubric</p> <p>4 - Exceeds proficient expectations.</p> <ul style="list-style-type: none"> - I can correctly divided up to 4 digit dividends (whole), and 2 digit divisors (part). - I can use a model. - I can <u>explain</u> the importance of place values within division. - I made no errors. <p>3 - Proficient and meets expectations</p> <ul style="list-style-type: none"> - I can correctly divided up to 4 digit dividends (whole), and 2 digit divisors (part). - I can use a model. - I made slight errors when explaining the importance of place values when dividing. - I made no errors. <p>2 - Shows progress yet far from expectations or shows limited progress.</p> <ul style="list-style-type: none"> - I made 2 or more errors when dividing. - I attempted to make a model. <p>1 - Does not show progress or expectations.</p> <ul style="list-style-type: none"> - I do not know how to divide with whole numbers - My model does not reflect division. 	

Domain: Number and Operations in Base Ten

Standard 5.NBT.7	Add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.
------------------	--

Evaluate	Math Test
----------	-----------

Standard Proficiency Rubric	
4 - Exceeds proficient expectations.	
<ul style="list-style-type: none">- I can add, subtract, multiply, and divide using decimals to the hundredths place value.- I can use models to prove my work.- I can explain how I got my answer.	
3 - Proficient and meets expectations	
<ul style="list-style-type: none">- I can add, subtract, multiply, and divide using decimals to the hundredths place value.- I can use models to prove my work.- I have trouble explaining how I got my answer.	
2 - Shows progress yet far from expectations or shows limited progress.	
<ul style="list-style-type: none">- I made minor mistakes when adding, subtracting, multiplying, and dividing with decimals.- My model does not reflect what I did.	
1 - Does not show progress or expectations.	
<ul style="list-style-type: none">- I do not understand how to add, subtract, multiply, or divide with decimals.- My model does not reflect what I did.	

Domain: Measurement and Data

Standard 5.MD.1	Convert among different-sized standard measurement units within a given measurement system (e.g., convert 5 cm to 0.05 m), and use these conversions in solving multi-step, real world problems.
-----------------	--

Evaluate	Math Test: Module 4,
----------	----------------------

Standard Proficiency Rubric	
4 - Exceeds proficient expectations.	
<ul style="list-style-type: none">- I can convert between different measurement units.- I can solve multi-step, real world problems using converted measurements.- I made no mistakes.	
3 - Proficient and meets expectations	
<ul style="list-style-type: none">- I can convert between different measurement units.- I made minor errors when solving multi-step, real world problems using converted measurements.- I made minor mistakes.	
2 - Shows progress yet far from expectations or shows limited progress.	
<ul style="list-style-type: none">- I struggle with converting different measurement units.- I was able to show progress towards the standard.	
1 - Does not show progress or expectations.	
<ul style="list-style-type: none">- I do not understand converting between different measurement units.	