

<p>Standard NF.4a</p>	<p>Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction.</p> <ul style="list-style-type: none"> • 4a. Interpret the product $(a/b) \times q$ as a parts of a partition of q into b equal parts; equivalently, as the result of a sequence of operations $a \times q \div b$. <ul style="list-style-type: none"> ○ For example, use a visual fraction model to show $(2/3) \times 4 = 8/3$, and create a story context for this equation. Do the same with $(2/3) \times (4/5) = 8/15$. (In general, $(a/b) \times (c/d) = ac/bd$.) 	
<p>Checkpoint</p>	<ul style="list-style-type: none"> - I have prior knowledge of multiplication, I am extending my knowledge of multiplication using visual models. - I can multiply a fraction by a fraction. - I can multiply a fraction by a whole number. - I can create a story problem using fractions and whole numbers. 	
<p>4</p>	<p>I understand the <u>advanced</u> content</p>	<ul style="list-style-type: none"> - I can extend my knowledge of multiplication. - I can multiply a fraction by a fraction. - I can multiply a fraction by a whole number. - I make no errors when solving.
<p>3</p>	<p>I understand the <u>target</u> content of the standard.</p>	<ul style="list-style-type: none"> - I can extend my knowledge of multiplication. - I can multiply a fraction by a fraction. - I can multiply a fraction by a whole number. - I make minimal errors when solving.
<p>2</p>	<p>I understand the <u>basic</u> content of the standard.</p>	<ul style="list-style-type: none"> - I can solve the basics of the standard: <ul style="list-style-type: none"> - I can solve, whole number - math facts. - I understand that a fraction has a numerator and denominator. - I choose the numbers from a word problem, but make errors when solving the division problem.
<p>1</p>	<p><u>With help</u>, I understand the <u>basic</u> content of the standard.</p>	<ul style="list-style-type: none"> - With help, I can understand the basics of the standard.

Advanced					
Target					
Basic					
With Help, Basic					
Practice	1	2	3	4	5

Practice Focus:

My Plan:

1: _____

2: _____

3: _____

4: _____

5: _____