



The criteria at each level of proficiency are inclusive of those described at the prior levels.

Outcomes	1	2	3	4
Number				
Demonstrate an understanding of multiplying and dividing fractions, concretely, pictorially and symbolically. (N6)	<p>Express a variety of numbers as equivalent fractions including the simplest form</p> <p>Identify the operation required to solve a given problem involving positive fractions</p> <p>Model, concretely or pictorially, addition and subtraction of fractions or mixed numbers, and record symbolically</p>	<p>Provide a context for multiplying or dividing two given positive fractions</p> <p>Model multiplication and division of simple fractions and mixed numbers using a concrete model or pictorial representation</p>	<p>Model multiplication and division of simple fractions and mixed numbers using a pictorial representation and record the process symbolically</p> <p>Solve problems involving multiplication and division of fractions and mixed numbers</p>	<p>Solve complex problems involving fractions and mixed numbers, applying order of operations when appropriate</p> <p>Apply estimation strategies as appropriate to solve and determine reasonableness of solutions</p>