

Master 5.1

Unit Rubric: Fractions

	Beginning	Acceptable	Proficient	Mastery
Conceptual Understanding				
Shows understanding by explaining and/or demonstrating: - a fraction represents part of a whole - situations where fractions are used - comparisons of fractions with the same denominator	may be unable to demonstrate or explain: - a fraction represents part of a whole - situations where fractions are used - comparisons of fractions with the same denominator	partially able to demonstrate or explain: - a fraction represents part of a whole - situations where fractions are used - comparisons of fractions with the same denominator	able to demonstrate or explain: - a fraction represents part of a whole - situations where fractions are used - comparisons of fractions with the same denominator	in various contexts, appropriately demonstrates or explains: - a fraction represents part of a whole - situations where fractions are used - comparisons of fractions with the same denominator
Procedural Knowledge				
Accurately: - finds equal parts of a whole - represents and names fractions - identifies and explains numerator and denominator - compares fractions with like denominators	makes major errors in: - recognizing equal parts - identifying and counting fractional parts - identifying and explaining numerator and denominator - comparing fractions with like denominators	partially accurate in: - recognizing equal parts - identifying and counting fractional parts - identifying and explaining numerator and denominator - comparing fractions with like denominators	generally accurate in: - recognizing equal parts - identifying and counting fractional parts - identifying and explaining numerator and denominator - comparing fractions with like denominators	consistently accurate in: - recognizing equal parts - identifying and counting fractional parts - identifying and explaining numerator and denominator - comparing fractions with like denominators
Problem-Solving Skills				
Selects and uses appropriate strategies to solve problems involving fractions	does not select and use appropriate strategies to solve problems involving fractions successfully	with limited help, selects and uses some strategies to solve problems involving fractions with partial success	selects and uses appropriate strategies to solve problems involving fractions successfully	selects and uses appropriate strategies to solve problems involving fractions with a high degree of success
Communication				
Records and explains reasoning and procedures clearly and uses appropriate terminology and fraction symbols	unable to record and explain reasoning and procedures clearly and rarely uses appropriate terminology and fraction symbols	partially records and explains reasoning and procedures and uses some appropriate terminology and fraction symbols	records and explains reasoning and procedures clearly and usually uses appropriate terminology and fraction symbols	records and explains reasoning and procedures clearly and precisely and consistently uses appropriate terminology and fraction symbols