

Grade: 7 #: 7.1.1.A1 (fractions & decimals in word problems)		Mastery Check Benchmark #1
<u>State Language:</u> Generates and/or solves real-world problems using: <ul style="list-style-type: none"> a) Equivalent representations of rational numbers and simple algebraic expressions: b) Addition, subtraction, multiplication, and division of rational numbers with a special emphasis on fractions and expressing answers in simplest form 		<u>Student Friendly Language:</u> Solve word problems containing fractions and decimals.
<u>Concept</u> (Students will know): <ul style="list-style-type: none"> • Solve real-world problems with rational numbers • Interchange fractions and decimals • Fractions and decimals must be in same form before computing 	<u>Skills</u> (Students will do): <ul style="list-style-type: none"> • Solve word problems containing fractions and/or decimals • Interchange fractions and decimals before computing 	<u>DOK Level:</u> 2
<u>Big Ideas:</u> Solve real-world problems involving fractions and decimals.		
<u>Essential Questions:</u> <ol style="list-style-type: none"> 1. How do you change a fraction into a decimal? 2. How do you change a decimal into a fraction? 3. If you are going to add $2\frac{1}{2}$ and 0.75? What do you have to do first? 		
<u>Core Materials</u> Text Book	<u>Supplemental Materials:</u> Resource workbooks Teacher generated Technology (Study island/BAIP)	
<u>Teaching Strategies:</u> Guided practice		
<u>Mastery Check Items:</u>		