

<b>Grade: 8 Math</b> <b>8.2.4.A2</b> <b>Graphic representation in alg.</b>		<b>2</b>	<b>Mastery Check 1 Benchmark #:</b>
<b>State Language:</b> Determines if a given graphical, algebraic, or geometric model is an accurate representation of a given real-world situation.		<b>Student Friendly Language:</b> Determine if a given equation or expression is a representation of a graphic or geometric model.	
<b>Concept (Students will know):</b> <ul style="list-style-type: none"> <li>How to interpret graphic representation of a real-world situation and translate that understanding to an equation or expression that fits the situation.</li> <li>Interpret a real-world problem so that you can select an equation or expression that represents the problem.</li> </ul>		<b>Skills (Students will do):</b> <ul style="list-style-type: none"> <li>Interpret a graphic representation of a situation and choose an equation or expression that matches it.</li> <li>Read word problems and select an equation or expression that would represent it.</li> <li>Formulate an equation or expression that would represent a real life situation</li> </ul>	<b>DOK Level:</b> <b>3</b>
<b>Big Ideas:</b> Being able to look at a graphic or geometrical model and translate it into an equation or expression.			
<b>Essential Questions:</b> <ol style="list-style-type: none"> <li>How do you look at a graphic or geometric and translate that into an algebraic equation and expression?</li> <li>How can you read a real-life problem and translate it into an algebraic equation or expression.</li> </ol>			
<b>Core Materials</b>		<b>Supplemental Materials:</b> Teacher generated materials.	
<b>Teaching Strategies:</b>			
<b>Mastery Check Items:</b>			