Grade: 7 Math **Benchmark #: 7.3.3.A3 (Scale Drawings)**		**Mastery Check #2**
State Language: **Determines the actual dimensions and/or measurements of a two-dimensional figure represented in a scale drawing**	**Student Friendly Language:** **Set up and solve a proportion to find the actual length or distance of a scale drawing.**	
Concept (Students will know): • How to set up and solve a proportion • Know what a scale drawing and scale model is • How to use a map key to figure actual distance • Know how to put a scale as a ratio (in fraction form)	**Skills** (Students will do): • Determine "actual" measurement of a length or distance, given the scale of a drawing.	**DOK Level:** **2**
Big Ideas: Using the key or scale on scale drawings/models to set up proportions in order to find actual measurements.		
Essential Questions: 1. What is a real-life example of a scale drawing or scale model? 2. How do you use the "key" on a scale drawing to determine actual measurements? 3. Given a scale of ½ in=3.5 miles determine how far 3 inches would be.		
Core Materials **Text Book**	**Supplemental Materials:** **Workbooks** **Teacher generated** **Technology (Study Island & BAIP)**	
Teaching Strategies: Guided Practice		
Mastery Check Items:		