Grade: 7	**Mastery Check**
Benchmark #: 7.3.2.A1c (Area/Perimeter of Composite Figures)	**5**

State Language: **Solves real-world problems: c) finding perimeter and area of two-dimensional composite figures of squares, rectangles, and triangles.**	Student Friendly Language: **Finding area and perimeter of composite figures (2 or more shapes put together). Including squares, rectangles and triangles.**	
Concept (Students will know): • Formulas for area of squares, rectangles and triangles • How to find the perimeter of squares, rectangles and triangles • How t find missing sides of composite figures when finding perimeter	Skills (Students will do): • Memorize area formulas for squares, rectangles and triangles • Apply formulas for finding area of composite figures including squares, rectangles and triangles • Find the perimeter of composite figures including squares, rectangles and triangles	DOK Level: 3

Big Ideas: Students will be able to apply formulas to find the area and perimeter of composite figures in real-world problems.

Essential Questions:
- What is a composite figure? Show me an example.
- How do you find the area of composite figures?
- If a square was surrounded by rectangles, how would you find the area of the square?

Core Materials **Glencoe-McGraw (text)**	Supplemental Materials: • **Teacher generated wkshts** • **Technology based (Study Island) (BAIP)** • **Resource workbooks**

Teaching Strategies:
- Hands-on …measuring and finding area & perimeter of various real-life items.
- Guided Practice
- Individual practice

Mastery Check Items: