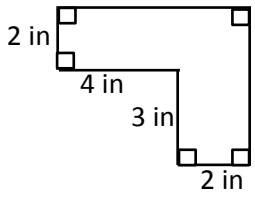
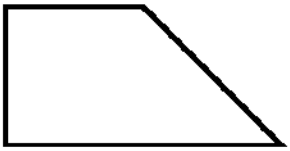
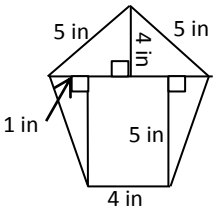
Content Standard	***MAFS.6.G*** *Geometry* ***MAFS.6.G.1*** *Solve real-world and mathematical problems involving area, surface area, and volume.* ***MAFS.6.G.1.1*** Find the area of right triangles, other triangles, special quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes; apply these techniques in the context of solving real-world and mathematical problems.
Assessment Limits	Positive rational numbers. Limit shapes to those that can be decomposed or composed into rectangles and/or right triangles.
Calculator	No
Acceptable Response Mechanisms	Equation Response Graphic Response — Drawing Multi-Select Response Natural Language Response
Context	Allowable

Example	
Context	A right trapezoid is shown. Find the area of the trapezoid. • Shape includes only one triangle and one rectangle. • Triangles with the height inside the triangle. • Include one non-integer value.
Context easier	Rectilinear shapes or a single right triangle. Area has a whole number value.
Context more difficult	Shape composed of multiple triangles and rectangles. Includes triangles with the height outside the shape. Include multiple non-integer values.

Sample Item Stem	Response Mechanism	Notes, Comments
A shape is shown.  What is the area, in square inches, of the shape?	Equation Response	
A right trapezoid is shown. 4 ft 3 ft 5 ft 8 ft	Equation Response	

 What is the area, in square feet, of the trapezoid?		
A pentagon is shown.  What is the area, in square inches, of the pentagon?	Equation Response	