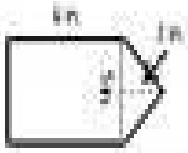
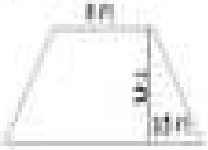
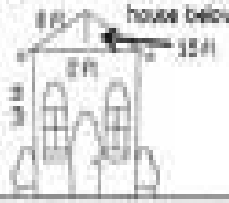
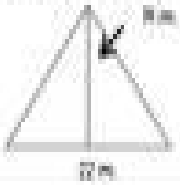
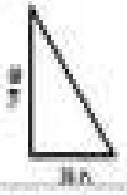
Name: _____ Date: _____ Period: _____

Area of Triangles, Quadrilaterals and Polygons

I can find the area of triangles, quadrilaterals and polygons and apply them to solving real-world or mathematical problems.

Correct: _____ Grade: _____

1. Little Garden Club has sectioned off a triangular section of the school yard to create a Butterfly Garden. The base of the triangle measures 10m and the height measures 10 m. What is the total area of the Butterfly Garden?	2. Find the area of the shape below. 	3. While making a card for Grandma, you plan to sprinkle a triangular area with glitter. If the base of the triangle is 0mm and the height is 5mm, what is the total area that will be covered with glitter?
4. Find the area of the shape below. 	5. Sarah is making a triangular shaped house for her guinea pig. She wants to cover the floor with artificial grass. If the base measures 8 inches and the height measures 9 inches, what is the total amount of artificial grass she will need?	6. Find the area of the front wall of the house below. 
7. Tina's pool measures 8 ft. x 12 ft. Her parents are building a 2 foot deck around the perimeter of the pool. What will the total area of the deck be once it is complete?	8. Find the area of the shape below. 	9. Paul bought a sheet of plywood that is 3 ft. wide by 4 ft. long. What would the total area of the sheet of plywood be?
10. Find the area of the shape below. 	11. Given a parallelogram with the area of 16in² and a base of 5 inches, what would the height be?	12. Find the area of the shape below. 

Standard: 6.G.1