

## Lesson 20: Area of Composed Figures

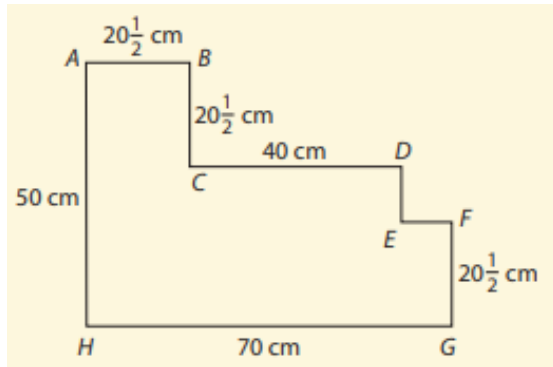
### NYS Learning Standards:

**7.G.6** Solve real-world and mathematical problems involving area, volume and surface area of two- and three-dimensional objects composed of triangles, quadrilaterals, polygons, cubes, and right prisms.

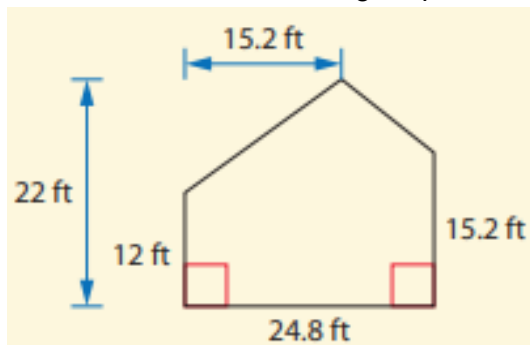
### Learning Outcome:

- Find the areas of two-dimensional objects composed of triangles, quadrilaterals, and polygons.
- Apply formulas to solve real-world and mathematical problems.
- Use equivalent to represent problems involving area.

Mala's garden is made of rectangular regions, as shown below. She wants to cover her garden with plastic mulch to warm the soil. What is the area of her garden?



Mr. Gonzalez needs to repaint one side of his house. To decide how much paint to buy, he needs to find its area. Find the area of the figure pictured below.



Write and solve an equation to find the area of the figure below.

