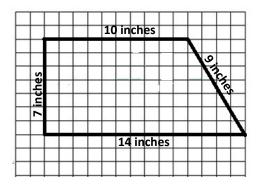
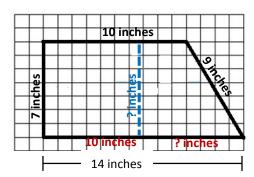
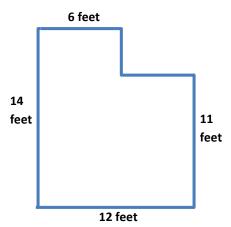
## **#1.** Trapezoid prior to decomposition



Decomposition of the trapezoid What are the missing measurements of the triangle?



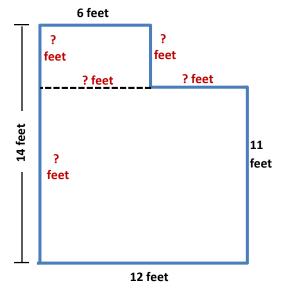
## #2. Bedroom Floor Plan

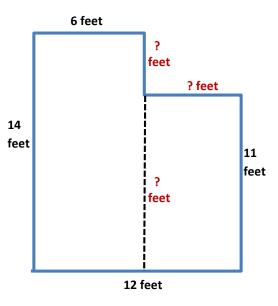


## Decomposition of bedroom floor plan

Students may decompose the bedroom as shown below or come up with a different way.

What are the missing side lengths of the new rectangles that make up the floor plan?





National Center & State Collaborative (NCSC), Human Development Institute, University of Kentucky. The UDL Instructional Unit resources are available for teacher use. Please note that these materials will be revised as user-feedback is obtained and will be made available on SharePoint and the Wiki.

Posted August 12, 2013.

**#3** What is the area of the shaded portion of the figure below?

