## \#1. Trapezoid prior to decomposition

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


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.

## \#2. Bedroom Floor Plan



12 feet

## 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?


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


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