**The Triangle Task[[1]](#footnote-1)**

Using the triangles shown above and the grid paper, construct a formula for the area of a right triangle. You may cut your triangles out and manipulate them in any way that might help you make your argument.

After you explore with your particular triangle, make a general mathematical argument using words, symbols, and diagrams about the formula for the area of any right triangle.

1. Task adapted from Everyday Mathematics Grade 5, Copyright © 2007 by Wright Group/McGraw-Hill, Chicago. [↑](#footnote-ref-1)