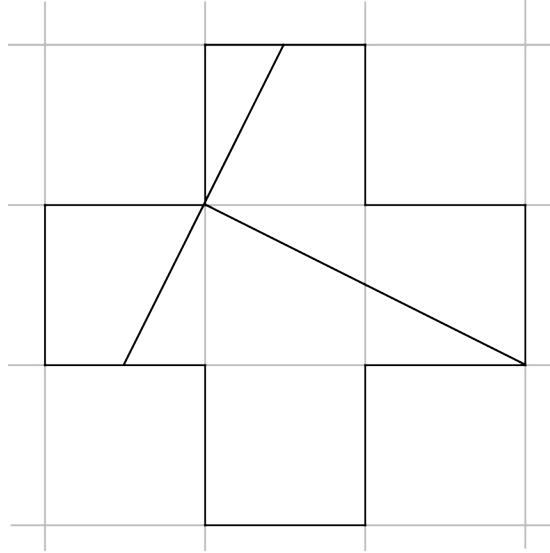# Squaring Pentominoes

You will need: one-inch graph paper, scissors

The figure below shows how an X pentomino can be dissected in two cuts into pieces that can be rearranged into a square:

1. Cut out an X pentomino. Make two cuts as shown above. Rearrange the pieces into a square.
2. Find some other pentominoes. (A pentomino consists of five unit squares that touch "by sides".) For each one, figure out how to use a minimum number of cuts to rearrange it into a square. Record your solutions below.