Homework: Geoboards & Shapes

1. What is the total number of non-congruent, non-square rectangles that can be created on a 5 x 5 pin Geoboard? Be sure to name them (1 x 2, 2 x 3…) and to argue in support of your claim.

2. Are there more, the same, or less rectangles than parallelograms that can be made on a 5 x 5 pin Geoboard? Explain your thinking.