

Name: \_\_\_\_\_ Hour: \_\_\_\_\_

**Problem 2.1**

A. 1. Copy and complete the table.

Original Square			New Rectangle			Difference in Areas ( $m^2$ )
Square Length (m)	Square Width (m)	Area ( $m^2$ )	Rectangle Length (m)	Rectangle Width (m)	Area ( $m^2$ )	
2	2	4	4	0	0	4
3	3	9	5	1	5	4
4						
5						
6						
N						

2. Explain why the table starts with a side length of 2 meters, rather than 0 meters or 1 meter.

Turn over!

3. For each side length, tell how the areas of the new and original lots compare.  
For which side lengths, if any, is the trade fair?