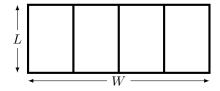
Math 34A, UCSB Spring 2022

Name:				Perm Nu	mber:				
TA :	: Trevor 🗌	Daniel 🗌	Jeremy 🗌	Day: T 🗆 R] Ti	ime: 8 🗌	5 🗌	6 🗆 7	
				Quiz 10					

1) A rectangular field is surrounded by fence. It is divided into 4 equal



parts by 3 more dividing fences all parallel to one side of the field. The field must have an area of 1000 m². Find the dimensions for L and W that will yield the minimum amount of fencing needed.

L =
