Quiz 10

1) A rectangular field is surrounded by fence. It is divided into 4 equal
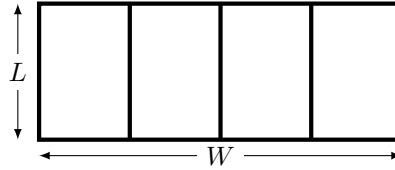
parts by 3 more dividing fences all parallel to one side of the field. The field must have an area of 1000 m^2. Find the dimensions for L and W that will yield the minimum amount of fencing needed.

$L =$