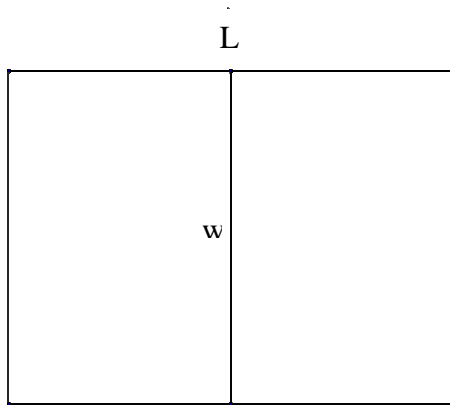


Subject n°9 bis

FUNCTIONS

Please don't write on the exam paper and don't forget to give back the examination paper at the end of the test.

The *riding stables* have just received an unexpected rush of registrations for the next horse show, and quickly need to create some additional *paddock* space. There is sufficient funding to rent 1200 feet of temporary chain-link fencing. The plan is to form two paddocks with one shared fence running down the middle. What is the maximum area that the stables can obtain, and what are the dimensions of each of the two paddocks?



NB *riding stables* : écuries ; *paddock* : enclos.