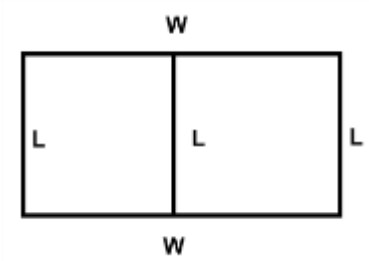
MASTERING MATHEMATICS WITH PLYMOUTH UNIVERSITY

SKE+ Learning together through Problem Solving

An invitation to do some mathematics

Strand F Algebra – F4. Solving Quadratic Equations

The Farmer's Field



A farmer has 600m of fencing to divide part of his field into two rectangular areas as shown in the diagram. What is the maximum combined area of the two rectangles?