Python exercise

a. Create a Rectangle class
b. Write a constructor method in the Rectangle class, and assign the following attributes: length, width
c. Create an area method that calculates the area of a plot of land
d. Create a perimeter method that calculates the perimeter of a plot of land
e. Create a diagonal_length method that calculates the length of the diagonal of a plot of land
f. Create an object from the class and assign 40 and 30 for its length and width respectively

Hints.

All methods take self as its first and default parameter

Import the sqrt method from the math module