

# PROBLEM 10

PROBLEM 10: A rectangular plate of width  $b$  and height  $h$  is subjected to a uniformly distributed load  $w$  acting vertically downwards. The plate is supported by a pin support at the bottom left corner and a roller support at the bottom right corner. The plate is divided into two equal halves by a vertical line through its center. The left half is labeled "Left Half" and the right half is labeled "Right Half". The plate is shown in a state of equilibrium.

