

## EXERCISE 10.1

PROBLEM: A rectangular plate is subjected to a uniform load  $q$  acting downwards. The plate is supported by a pin support at point A and a roller support at point B. The plate has a width  $b$  and a height  $h$ . The load  $q$  is applied over the entire surface of the plate. The reaction forces at the supports are  $R_A$  and  $R_B$ .

