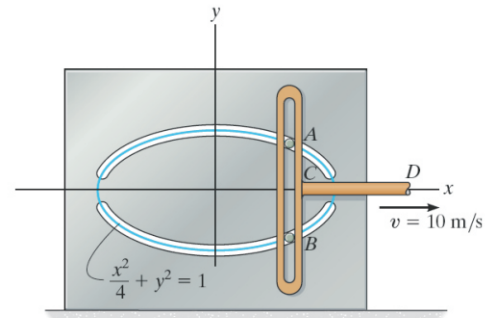


NAME

DATE

**PROBLEM: AP-8****GIVEN:**

Pegs  $A$  and  $B$  are restricted to move in the elliptical slots due to the motion of the slotted link. If the link moves with a constant speed of 10 m/s, determine the magnitude of the velocity and acceleration of peg  $A$  when  $x = 1$  m.

**REQUIRED:****SOLUTION:**