PROBLEM 15.176

Knowing that at the instant shown the rod attached at B rotates with a constant counterclockwise angular velocity $\omega_B$ of 6 rad/s, determine the angular velocity and angular acceleration of the rod attached at A.

PROBLEM 15.181

The disk shown rotates with a constant clockwise angular velocity of 12 rad/s. At the instant shown, determine (a) the angular velocity and angular acceleration of rod BD, (b) the velocity and acceleration of the point of the rod coinciding with E.