

## Relative Velocity Equation Example Problem 2

**Rel Vel Eqn Basic Example 2: Square Plate**  
Corner A of a 2 ft square plate moves in a slot with a velocity  $v_A = 3$  fps. The plate has an  $\omega = 1$  rad/sec CCW. When the plate is at the position shown, please find:  $v_B$ ,  $v_D$  and  $v_C$ .



