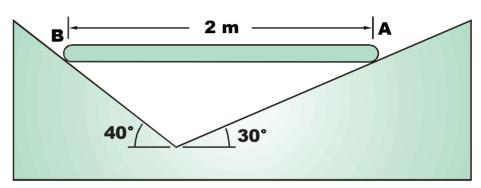
- 3. (25 points) Shown below is a generalized slider, currently in a horizontal position. If ω = 3 rad/sec and α = 2 rad/sec² in the directions shown, please determine and write as polar or Cartesian vectors:
 - (a) V_{R}
 - (b) $a_{\rm B}$.

For bar AB:

$$\omega$$
 = 3 rad/s

$$\alpha = 2 \text{ rad/s}^2$$



For bar AB:

$$\omega$$
 = 3 rad/s

$$\alpha = 2 \text{ rad/s}^2$$

