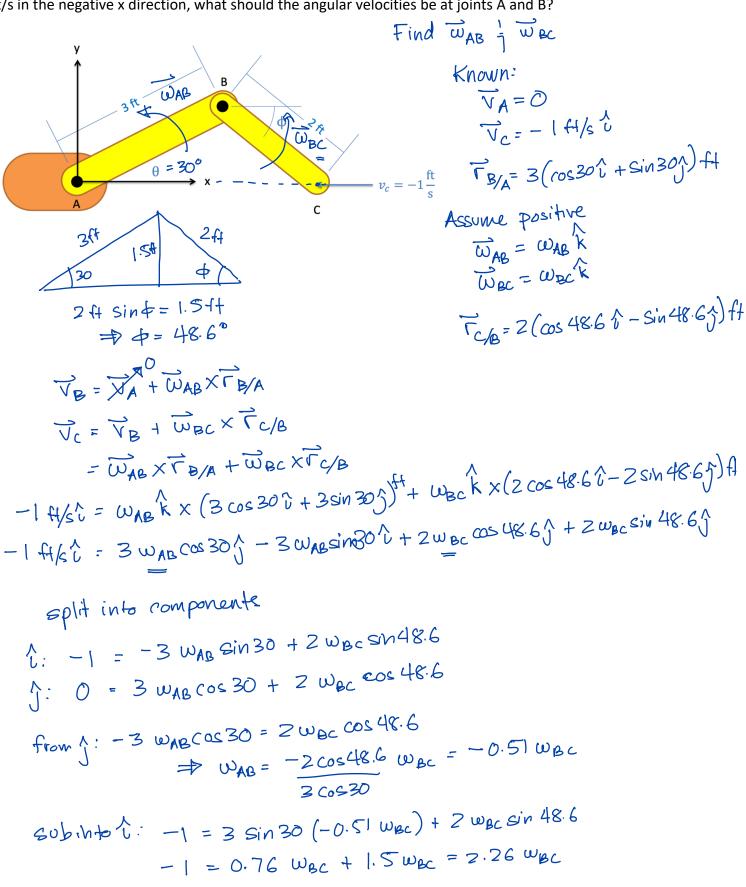
The robotic arm from the previous problem is in the configuration shown below. Assume that theta is currently 30 degrees and that point C currently lies along the x axis. If we want the end effector at C to travel 1 ft/s in the negative x direction, what should the angular velocities be at joints A and B?



$$W_{AB} = -0.51 \, \omega_{BC}$$

= 0.23 rad/s

$$= 0.23 \text{ rad/s}$$

$$= 0.23 \text{ rad/s}$$

$$\overline{W}_{AB} = 0.23 \text{ rad/s}$$