PhyzJob: New Year's Resolutions From Polar to Rectangular Coordinates



- 1. Draw the vectors given on the polar graph (left).
- 2. Convert the polar components to rectangular components.
- 3. Draw the vector on the rectangular graph (right).



 $w_x = w \cdot \cos \theta$ $w_x = 6m \cdot \cos 135^\circ$ $w_x = -4.2m$