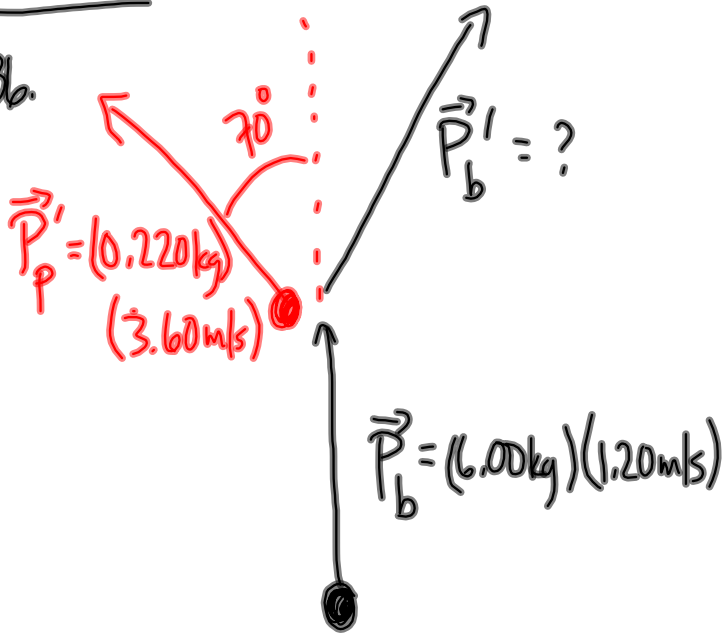


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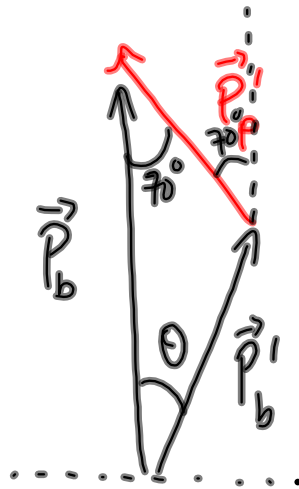
3b.



According to Law of Conservation of Momentum

$$\vec{P}_{\text{total}} = \vec{P}'_{\text{total}}$$

$$\vec{P}_b = \vec{p}' + \vec{b}'$$



find \vec{p}'_b (Law of Cosines)

find θ

find \vec{v}'_b

For Review
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