NAME: _____

Given $\bar{a} = [0, 2]$, $\bar{b} = [1, 5]$, and $\bar{c} = [-2, 0]$, compute

1. $\bar{a} \cdot \bar{b}$

2. $\bar{b} + \bar{c}$

3. $\bar{c} - \bar{a}$

4. $\bar{a}(\bar{b} + \bar{c})$

5. $\bar{a} \cdot \bar{b} + \bar{a} \cdot \bar{c}$