
	Alice	$E(\mathbb{F}_{p^2}) \cong (\mathbb{Z}/2^{e_A} 3^{e_B} \mathbb{Z})^2$	Bob	
	$E[2^{e_A}] = \langle P_A, Q_A \rangle$		$E[3^{e_B}] = \langle P_B, Q_B \rangle$	

Choose $m_A, n_A \in \mathbb{Z}$

$$A := m_A P_A + n_A Q_A$$