

Table F Handout

KEY

List only the precipitates. If both products are aqueous there is NO EVIDENCE that a chemical reaction has taken place, mark those boxes with an “X” for no reaction. Two boxes are your examples.

REACTANT PAIRS	Lead (II) nitrate	calcium chloride	potassium hydroxide	silver nitrate	ammonium chloride
sodium chloride	PbCl _{2(s)} Lead II chloride	X	X	AgCl silver chloride	X
sodium sulfate	PbSO ₄ lead II sulfate	CaSO ₄ calcium sulfate	X	Ag ₂ SO ₄ silver sulfate	X
sodium hydroxide	Pb(OH) ₂ lead II hydroxide	X	X	AgOH silver hydroxide	X
lithium bromide	PbBr ₂ lead II bromide	X	X	AgBr silver bromide	X
potassium phosphate	Pb ₃ (PO ₄) ₂ lead II phosphate	Ca ₃ (PO ₄) ₂ calcium phosphate	X	Ag ₃ PO ₄ silver phosphate	X
ammonium carbonate	PbCO ₃ lead II carbonate	CaCO ₃ calcium carbonate	X	Ag ₂ CO ₃ silver carbonate	X