

Physical Science 10
Exam Review: Chemical Reactions

2. a) iron (II) oxide → iron + oxygen



Reaction Type = Decomposition

b) zinc + sodium sulphide → sodium + zinc sulfide



Reaction Type = Single Replacement

c) calcium chloride + lithium nitrate → calcium nitrate + lithium chloride



Reaction Type = Double Replacement

d) magnesium + oxygen → magnesium oxide



Reaction Type = Synthesis

e) chlorine + silver bromide → bromine + silver chloride



Reaction type = Single Replacement

f) copper + barium sulphate → barium + copper (I) sulphate



Reaction Type: Single Replacement

g) sodium hydroxide + calcium carbonate → sodium carbonate + calcium hydroxide



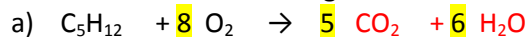
Reaction type = Double Replacement

h) potassium chloride → potassium + chlorine



Reaction Type = Decomposition

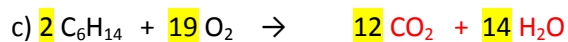
3. For each of the following combustion reactions, complete the balance chemical reaction



complete combustion



incomplete combustion



complete combustion