

Name _____ Date Due _____

Ores

Unreactive metals can be extracted from their ores by heating them, more reactive metals can be extracted from their ores by heating them with carbon and very reactive metals require electrolysis.

1. Complete the table showing how you would extract these metals from their ores.

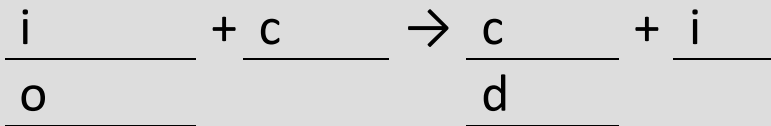
Metal	Reactivity of metal	Extraction Method
Silver	Unreactive	
Sodium	Very reactive	
Copper	Quite reactive	
Iron	Quite reactive	
Potassium	Very reactive	

2. What is a Blast Furnace used for?

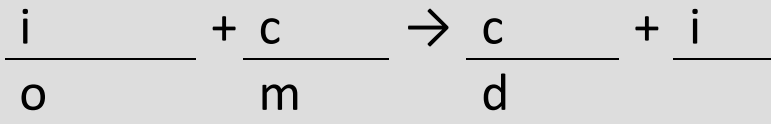
A blast _____ is used to extract _____ from iron ore.

3. Write down the word and equations for two reactions that happen in a Blast Furnace.

Word:



Word:



You might want to use: "carbon", "iron oxide", "carbon monoxide", "carbon dioxide" and "iron".