

## Extraction of Iron

Drag and drop the correct flow of the extraction of iron in a blast furnace.

carbon + oxygen  $\rightarrow$  carbon dioxide  
carbon dioxide + carbon  $\rightarrow$  carbon monoxide

calcium carbonate  $\rightarrow$  calcium oxide + carbon dioxide  
calcium oxide + silicon dioxide  $\rightarrow$  calcium silicate

carbon + iron oxide  $\rightarrow$  iron + carbon dioxide  
carbon monoxide + iron oxide  $\rightarrow$  iron + carbon dioxide

1

2

3

Rearrange the steps of the extraction of iron.

Write 1, 2, 3 and 4.

Iron & slag  
are  
formed

Iron & slag  
channelled  
out

A very hot air  
blast is pumped  
inside

A mixture of  
iron ore + coke  
+ limestone