Name: _____ Klasse: _____

Zur Sendung "From ore to steel"

Worksheet #3 on the TV programme of Sunday, 7/12/09 at 6.15 a.m. on SWR FERNSEHEN Stammnummer 4683053

TOTALLY PHENOMENAL | FROM ORE TO STEEL

1. Look at these illustrations showing the processes in a blast furnace and match them with the following descriptions.

a. The resulting carbon monoxide rises and reacts chemically with the iron ore.
b. The iron separates from the slag.
c. Oxygen molecules (shown in blue) combine with carbon particles from the charcoal.
d. The iron ore releases oxygen, carbon dioxide is produced.
e. The resulting products are iron and slag.

1	2	3	4	5

2. Use the expressions from the box below and label the diagram of a blast furnace.

taphole for iron

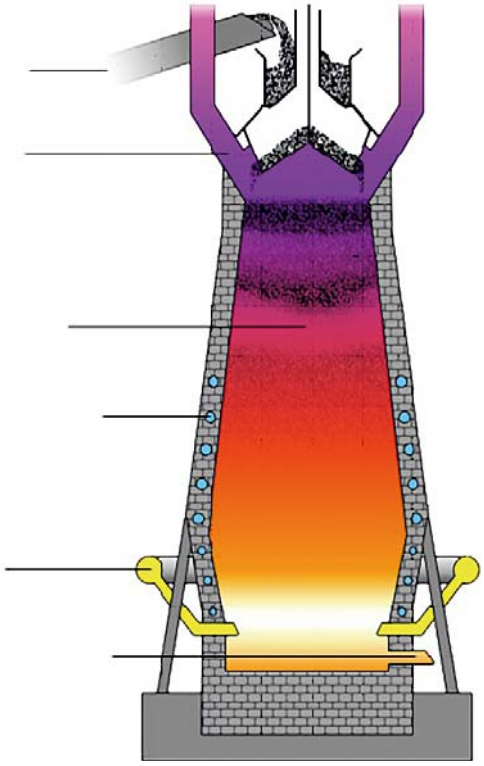
feed of iron ore, limestone and coke

column of ore, coke and limestone

hot blast

hot waste gases

water cooled refractory lining



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