

Metallurgy (chemistry of the 9th. class)

(1) The first use of iron ore is known from the before five thousand years before a Crist, but the way how to make iron, took anothe tr more then three thousnad years.

(2) Nowadays are iron and steel one of the most important materiál on the world. Iron and steel are made from metal ores by using a proces called smelting.

(3 , 4) During iron smelting, people put iron ore, carbon and limestone into a very hot place called a blast furnance. The temperature in the blast furnance is more than 2000 degrees centigrade.

(5) Liquid iron mixes with other metals to form a stronger metal called steel. Steel is very strong, people they use it to build cars or very tall buildings.



Answer the question. Fill the correct letters in to table.

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1. When was iron the first made?

G) 5,000 years before a Crist **P)** 3, 000 years before a Crist **M)** 1,500 years before a Crist

2. How people get iron from iron ore:

L) melting

A) cooking

E) smelting

3. What does the mean English word limestone in Czech?

T) vápenec

P) pískovec

A) jíl

4. Where iron is made ?

S) sweet - shop

A) blast furnance

E) mill

5. What is not made of steel?

L) books

S) cars

R) tall buildings