Reactivity Homework

Use the Royal Society of Chemistry periodic table to find out the discovery dates of the metals below:

(<http://www.rsc.org/periodic-table/history>)

In the 3 blank spaces include 3 metals of your own choice.

|  |  |  |  |
| --- | --- | --- | --- |
| **Metal** | **Date of Discovery** | **Metal** | **Date of Discovery** |
| Sodium |  | Gold |  |
| Potassium |  | Zinc |  |
| Calcium |  | Magnesium |  |
| Copper |  |  |  |
| Iron |  |  |  |
| Lithium |  |  |  |

If you click on the symbol of an element on the interactive periodic table you can find out more about its history. Use this to:

Describe the 3 ways people extracted pure Magnesium:

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State what was different between the electrical currents Humphry Davy used to discover Sodium and Potassium.

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Explain why Gold has been known since prehistoric times.

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Extension! Use your own research to briefly outline what ‘electrolysis’ is. Then explain why many elements were not discovered until after the battery was invented.

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