

9F Patterns of reactivity

complete the sentence

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Place the right word or words to complete the sentence:



Click mouse to reveal answer

cold

painted

pure

coin

extracted

water

lithium

oxygen

displace

- Gold can be found in its _____ or native state because it is very un-reactive.
- Group I metals like sodium and _____ tarnish in air within minutes of being cut.
- Many metals react with _____ in the air to form their oxides.
- A gold _____ buried 200 years ago when found, would look as good as new.
- Iron will _____ copper from its compound. This is called displacement.
- Aluminium was _____ from its ore, only after the invention of electricity.
- When metals react with _____, the products formed are the metal hydroxide and hydrogen gas.
- Metals like iron need to be _____ or oiled to prevent them from rusting.
- Magnesium might be expected to react with _____ water because it is reactive.

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- a) Gold can be found in its pure or native state because it is very un-reactive.
- b) Group I metals like sodium and lithium tarnish in air within minutes of being cut.
- c) Many metals react with oxygen in the air to form their oxides.
- d) A gold coin buried 200 years ago when found, would look as good as new.
- e) Iron will displace copper from its compound. This is called displacement.
- f) Aluminium was extracted from its ore, only after the invention of electricity.
- g) When metals react with water, the products formed are the metal hydroxide and hydrogen gas.
- h) Metals like iron need to be painted or oiled to prevent them from rusting.
- i) Magnesium might be expected to react with cold water because it is reactive.