

Worksheet 1.3

Periodic table quiz

NAME:

CLASS:

INTRODUCTION

The questions in this worksheet should serve to direct your research into interesting aspects of some of the elements in the periodic table. For each of the following, name the element described and answer any other question given.

No.	Question	Answer
1	An unusually high-quality deposit of this element served for many years as the source of the world's first pencils. What special properties does this element have?	
2	The Greek name for this element means 'lazy one'. Why was this name chosen?	
3	This element is known as 'quicksilver'. What special properties does this element have?	
4	This element is the second-most abundant in the Earth's crust. Name some of the common substances in which this element is found.	
5	This metal is mined from sand dunes both north and south of Perth. Its ore is called rutile. For a metal, what unusual uses does it have?	
6	Magnets made from this element are much more powerful than those made from iron. Schools can now purchase these magnets.	
7	This element is not found in nature. A large quantity of it was produced for use in one of the atomic bombs dropped on Japan.	
8	This element is necessary in the body in small amounts, but is dangerous in high concentrations. It can be isolated from seaweed and is related to thyroid conditions.	

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9	This element has two allotropes, one of which has been connected to increased melanoma incidence in recent years.	
10	Mendeleev named this element 'eka-aluminium'.	
11	Place each of the 10 elements identified above in their correct positions on the periodic table outline shown below.	