

**QUIZZZ**alkali metals  
23 Questions

NAME : \_\_\_\_\_

CLASS : \_\_\_\_\_

DATE : \_\_\_\_\_

1. Alkali metals are found in which group of the periodic table?

Group 1

Group 2

Group 7

group 8

2. Which of the following is the most reactive in water?

Lithium

Sodium

Potassium

3. What is formed when sodium reacts with water?

sodium oxide and hydrogen

sodium hydroxide and hydrogen

sodium hydroxide and oxygen

sodium hydroxide and carbon dioxide

4. Which of the following is NOT an alkali metal

Li

Cl

K

Cs

5. Which is the lightest alkali metal?

Aluminium

Hydrogen

Lithium

Potassium

6. Alkali metals have \_\_\_\_\_ conductivity of heat and electricity.

good

semi

poor

no



14. Which gas is released when the alkali metals react with water?

hydrogen

oxygen

hydroxide

carbon dioxide

15. How does a group 1 metal atom form an ion?

lose 1 electron

lose 2 electrons

gain 1 electron

gain 2 electrons

16. What is the charge of a group 1 metal ion?

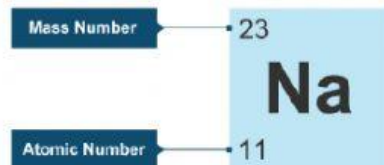
1+

2+

1-

2-

17.



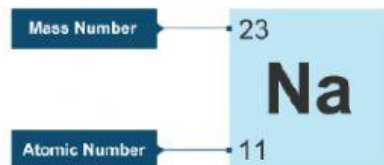
How many protons does a sodium atom have?

11

23

12

18.



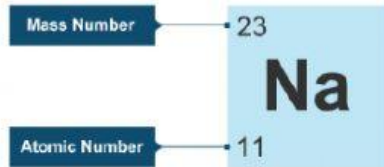
How many electrons does a sodium atom have?>

11

23

12

19.



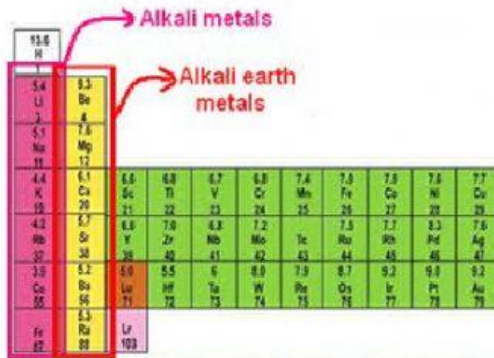
How many electrons does a sodium ION have?

- 10
- 11
- 23
- 12

20. Which alkali metal has the lowest natural abundance?

- Francium
- Rubidium
- Potassium
- Sodium

21.



Alkali are so reactive to air they are generally stored in what?

- Water
- Oil
- Vaults
- Cotton
- a vacuum

22.



True or false: Alkali Metals are so soft they can be cut with a knife?

- True
- False

23. Which of the following are alkali metals

Sodium

Caesium

Francium

Calcium

Potassium