WAYGROUND formerly Quizizz **Worksheets**

Name

Science Form 3 (Chapter 4)

Class

Total questions: 10

Worksheet time: 5mins

Date

1. Magnesium is more reactive towards oxygen compared to

   a) Calcium
   b) Zinc
   c) Sodium
   d) Potassium

2. If carbon can remove oxygen from a metal oxide, it means carbon is _____ reactive than the metal.

   a) more
   b) less

3. The most reactive metal in the reactivity series of metals is _____.

   a) Calcium
   b) Potassium
   c) Magnesium
   d) Aluminium

4. Choose the correct sequence.

   ..... , ... , ...

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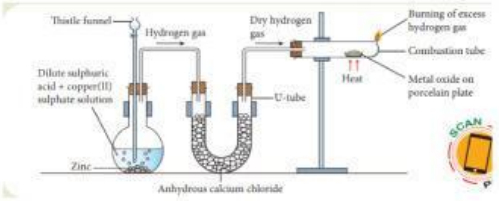
   Reactivity towards oxygen increases

   a) Silver , Copper , Tin
   b) Iron , Lead , Mercury
   c) Magnesium , Aluminium , Calcium
   d) Iron , Carbon , Lead

5. 

   Based on the diagram, what is the function of anhydrous calcium chloride in the experiment?

   a) To absorb water vapour so that dry hydrogen will be produced
   b) To supply hydrogen gas
   c) To separate the metals
   d) To release heat for combustion

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6.

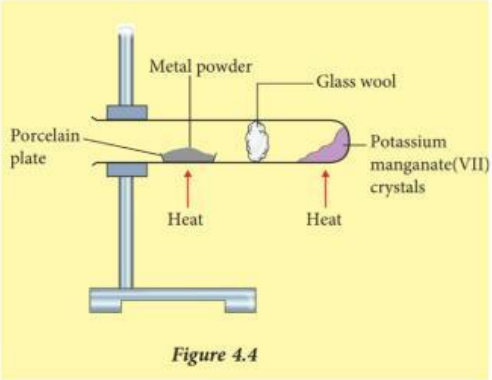

Figure 4.4

Based on the following diagram, what is the function of potassium manganate (VII) crystals in this experiment?

a) To supply oxygen

b) To avoid the metals to mix with each other

c) To release heat

d) To give out water vapour

7. Write the word equation between metal and oxygen.

a) Metal + Oxygen $\rightarrow$ Metal oxide

b) Metal + Oxygen $\rightarrow$ Metal oxygen

c) Metal + Oxygen = Metal oxide

d) Metal + Oxygen = Metal oxygen

8. Calcium carbonate is a combination of:

a) Calcium, carbon and nitrogen

b) Calcium, hydrogen and nitrogen

c) Calcium, oxygen and carbon

d) Calcium, carbon and hydrogen

9. Which of the following exists as a natural compound in the Earth's crust?

a) Gold

b) Tin

c) Marble

d) Diamond

10. Hematite is a natural compound for _____ oxide.

a) Iron

b) Aluminium

c) Calcium

d) Zinc

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