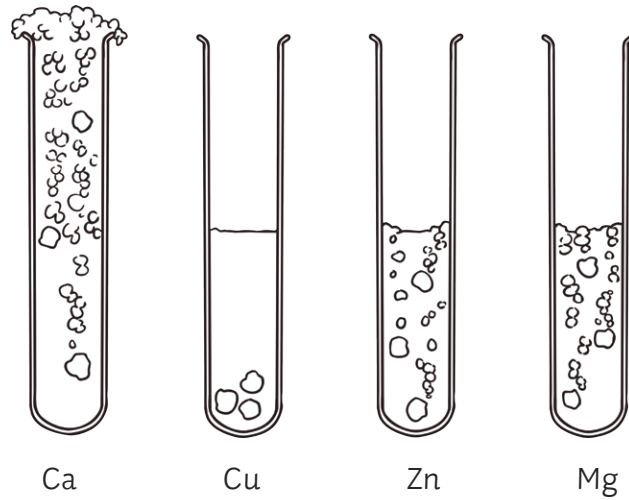


Metals and Acids Test Yourself 2

Metals in Acids

The following metals were placed in hydrochloric acid and their results are shown below.



List the metals in order of reactivity, starting with the most reactive.

Name the gas being released.

Complete the following word equation:

calcium + hydrochloric acid \rightarrow _____ + hydrogen

_____ + hydrochloric acid \rightarrow zinc chloride + _____

copper + sulphuric acid \rightarrow _____ + hydrogen

Properties of Ceramics Word Search

Find the following properties of ceramics in the word search below.

N P W H E D B H R H G M F Q W Z X J L C
 H H T H I O C S Q B B K H Q Y B O C F N
 V P U L E W A W B F T N O A F D G A H D
 S R O T A L U S N I L A C I R T C E L E
 Y S H V M D T E B T A U R Q G D F T H P
 F G N R T P X T N Q W N T V N U J O Q C
 P M E X G N F K I C M G U S O N Q N C Y
 E U Z J V E A A V R O U F X R K E K T G
 S T I F F A Z T D U B G G E T S K Z I K
 E N T L Q X N N H E V H I Q S H W X B P
 E F S N E E A W K C A A U T Q L W O L U
 Y G P T V J D T N S G H J A E C I D B D
 R E C Y R A D K V E F Q Z S S X C Q I I
 B E S J Q U C Q W D F F S E O X T X V X
 L Z Q U F T K M F O R V D H K C E B W X

brittle

electrical insulators

hard

solid

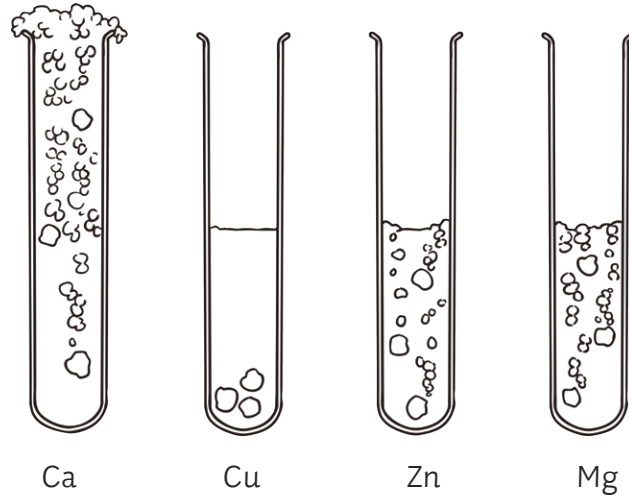
stiff

strong

Metals and Acids Test Yourself 2 Answers

Metals in Acids

The following metals were placed in hydrochloric acid and their results are shown below.



List the metals in order of reactivity, starting with the most reactive. **Ca, Mg, Zn, Cu**

Name the gas being released. **Hydrogen**

Complete the following word equation:

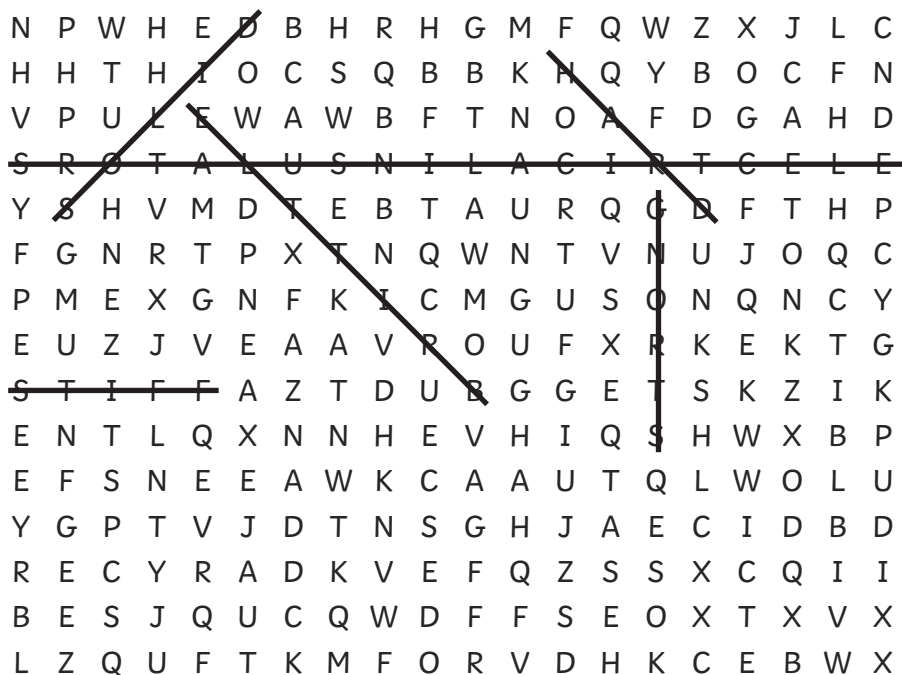
calcium + hydrochloric acid → **calcium chloride** + hydrogen

zinc + hydrochloric acid → zinc chloride + **hydrogen**

copper + sulphuric acid → **copper sulphate** + hydrogen

Properties of Ceramics Word Search

Find the following properties of ceramics in the word search below.



- brittle
- electrical insulators
- hard
- solid
- stiff
- strong