

## Round 1

- 1 - What is the Periodic table made up of?
- 2 - How many elements make up the periodic table?
- 3 - Which year was the periodic table established?
- 4 - In 2016 how many elements were added to the Periodic table?
- 5 - Which is the rarest element on Earth?
- 6 - What is the only letter not on the periodic table?
- 7 - Which element is the lightest?
- 8 - How many elements are found in nature?
- 9 - What is the first man-made element?
- 10 - Which element is the heaviest?

## Round 1 - Answers

- 1 - Chemical Elements
- 2 - 118
- 3 - 1869
- 4 - 4
- 5 - Astatine
- 6 - J
- 7 - Hydrogen
- 8 - 90
- 9 - Technetium
- 10 - Uranium

## Round 2

- 1 - How many Noble gasses are there on the periodic table?
- 2 - Who is responsible for maintaining the Periodic table?
- 3 - Who invented the modern periodic table?
- 4 - Which element is Eu?
- 5 - What are the letters on each element?
- 6 - What is the chemical symbol for Gold?
- 7 - How many metals are there on the periodic table?
- 8 - What is Atomic Mass?
- 9 - What is the Atomic number for Potassium?
- 10 - Which year was Tennessine discovered?

## Round 2 - Answers

- 1 - 7
- 2 - The International Union of Pure Applied Chemistry (IUPAC)
- 3 - Dmitri Mendeleev
- 4 - Europium
- 5 - Chemical Symbols
- 6 - Au
- 7 - 94
- 8 - The quantity of matter contained in an atom of an element
- 9 - 19
- 10 - 2010

## Round 3

- 1 - What is Lithium most commonly used for?
- 2 - What colour flame do you get when you burn Boron?
- 3 - Which element makes up 78% of the world's atmosphere?
- 4 - Which element on the periodic table is considered the most reactive?
- 5 - What lightweight metal is used in flares and fireworks?
- 6 - What colour is Chlorine?
- 7 - Which is the strongest lightweight metal?
- 8 - Which element has the chemical symbol V?
- 9 - Stainless steel is made when Iron is combined with which element?
- 10 - Which element has the Chemical symbol Rb?

## Round 3 - Answers

- 1 - Batteries
- 2 - Green
- 3 - Nitrogen
- 4 - Fluorine
- 5 - Magnesium
- 6 - Green
- 7 - Titanium
- 8 - Vanadium
- 9 - Chromium
- 10 - Rubidium

## Round 4

- 1 - Which element has the atomic number 40?
- 2 - Niobium was named after which greek goddess?
- 3 - What is the chemical symbol for Molybdenum?
- 4 - What year was Technetium discovered?
- 5 - Which element is considered the rarest and most valuable precious metal in the world?
- 6 - Which country was Indium discovered in?
- 7 - What is the chemical symbol for Tin?
- 8 - Ancient Egyptians used this element as black eye make-up?
- 9 - Which element has the largest stable atoms?
- 10 - Which element has the atomic number 58?

## Round 4 - Answers

- 1 - Zirconium
- 2 - The Greek goddess of tears, Niobe
- 3 - Mo
- 4 - 1937
- 5 - Rhodium
- 6 - Germany
- 7 - Sn
- 8 - Antimony
- 9 - Caesium
- 10 - Cerium

## Round 5

- 1 - Carl Auer von Welsbach discovered which element?
- 2 - Which element was named after Europe?
- 3 - Which element is the least naturally-occurring element on earth?
- 4 - Which element was formally named hydrargyrum?
- 5 - What is the chemical symbol for Polonium?
- 6 - What is the atomic weight of Berkelium?
- 7 - Which element is an odourless and invisible radioactive gas naturally released from rocks, soil, and water?
- 8 - Who discovered Francium?
- 9 - Marie and Pierre Curie discovered which element in 1898?
- 10 - Which is the most recently discovered element as of 2022?

## Round 5 - Answers

- 1 - Praseodymium
- 2 - Europium
- 3 - Thulium
- 4 - Mercury
- 5 - Po
- 6 - 247
- 7 - Radon
- 8 - Marguerite Perey
- 9 - Radium
- 10 - Tennessine