

Pioneers of Physical Science

Physical Science · Answer Key · 12 Questions

1. Who is credited with the invention of the first electric battery, known as the voltaic pile?

- A) Alessandro Volta**
- B) Michael Faraday
- C) Nikola Tesla
- D) Thomas Edison

2. Which scientist is famous for formulating the three laws of motion?

- A) Galileo Galilei
- B) Isaac Newton**
- C) Albert Einstein
- D) Johannes Kepler

3. What substance did Marie Curie discover, which led to her winning Nobel Prizes in two different scientific fields?

- A) Uranium
- B) Polonium**
- C) Plutonium
- D) Helium

4. Who invented the first practical light bulb?

- A) Alexander Graham Bell
- B) Thomas Edison**
- C) Benjamin Franklin
- D) James Watt

5. In which century was the telescope first used for astronomical observations by Galileo Galilei?

- A) 15th century
- B) 17th century**
- C) 19th century
- D) 20th century

6. What did Alexander Graham Bell famously patent in 1876?

- A) The radio
- B) The telephone**
- C) The television
- D) The telegraph

7. Which scientist is known for discovering the element oxygen?

A) Joseph Priestley

B) Dmitri Mendeleev

C) John Dalton

D) Ernest Rutherford

8. What was the first metal to be used by humans for making tools?

A) Iron

B) Steel

C) Copper

D) Aluminum

9. Who developed the periodic table of elements?

A) Dmitri Mendeleev

B) Antoine Lavoisier

C) Robert Boyle

D) Niels Bohr

10. Which invention by Guglielmo Marconi revolutionized global communication?

A) The internet

B) The radio

C) The computer

D) The fiber optic cable

11. Who is known for the discovery of the laws of planetary motion?

A) Nicolaus Copernicus

B) Johannes Kepler

C) Edwin Hubble

D) Stephen Hawking

12. What did James Watt improve that became a key invention of the Industrial Revolution?

A) The steam engine

B) The printing press

C) The battery

D) The compass