

Brain Buster Challenge

Science/Technology Sample Questions

1. (Physics) How many centimeters are there in a meter?
2. (Physics) Put the following number into Scientific notation: -315.47.
3. (Chemistry) **Carefully** explain the difference between an **atom** and a **molecule**.
4. (Chemistry) What is the molecular formula for table salt?
5. (Geology) Approximately how old is the Earth? (Circle correct answer)
 - a) 5000 years
 - b) 5 million years
 - c) 5 billion years
 - d) 5 trillion years
6. (Geology) Ocean currents affect weather patterns. (**True** or **False**)
7. (Biology) What is the name of the process through which a tadpole becomes a frog and a caterpillar becomes a butterfly?
8. (Biology) Order the following structures from smallest to largest:
 - a) Cell
 - b) Organelle
 - c) Tissue
 - d) Organ

_____ (**smallest** structure)

_____ (**largest** structure)
9. (Tech) How many bytes are there in 1K bytes?
10. (Tech) Which of the following is the most common language used for developing web pages? (Circle correct answer)
 - a) Java
 - b) Hypertext Markup Language
 - c) C++
 - d) Unicode