

Bill Nye - Chemical Reactions

Circle the correct answer.

1. All things in matter are made of **chemicals** / **substances**.
2. Chemicals can react together to form new **equipment** / **substances**.
3. Water is made up of 2 parts **oxygen** / **hydrogen** and 1 part **oxygen** / **hydrogen**.
4. **Carbon Dioxide** / **Oxygen** makes iron rust and blood red.
5. Always wear safety **badge** / **equipment** when handling chemicals.
6. **Air** / **oxygen** is necessary for fire.
7. Vinegar combined with baking soda produces **carbon dioxide** / **hydrogen** gas.
8. Sodium (Na) combined with chlorine (Cl) produces **dynamite** / **salt**.
9. **Helium** / **Oxygen** is considered the most important chemical on earth.
10. There are **52** / **72** / **92** elements found in nature.
11. The Nobel Prize was named after **Arnold** / **Alfred** Nobel. He won this prize for his invention of **dynamite** / **steam engine**.
12. Any individual who is fortunate enough to win a Nobel prize will be awarded this amount of cash: 1 **thousand** / **million** / **billion** U.S. dollars.
13. Chemicals are classified as acids or bases. Baking soda is chemical that is a **acid** / **base** and vinegar is a **acid** / **base**.

BONUS - Is exploding dynamite an example of a physical or chemical change?