



Name:

Date:

Grade:

Worksheet about 'Combustion'

Q1) Choose the correct answer.

1. Gas, oil, wood, coal, and wax are called

- a- Combustibles
- b- Oxidizers
- c- Flammable
- d- Fuels

2. The gas required for the combustion reaction is

- a- dihydrogen.
- b- oxygen.

3. The two essential reagents for the combustion reaction are

- a- a fuel and the dinitrogen.
- b- a fuel and oxygen.

4. Oxygen is called

- a- Fuel
- b- Oxidizer



5. Combustion is a chemical reaction that produces

- a- Energy, electricity and light
- b- Energy, heat and light.
- c- Energy, electricity, and fire
- d- Flame, humidity, and heat.

6. The ignition temperature is defined as:

- a- The maximum temperature that a material or substance can tolerate before it changes its appearance.
- b- The minimum temperature that a material or substance needs to start burning.
- c- The maximum temperature that a material or substance can tolerate before starting to burn.

7. The correct statement is

- a- All substances and materials have the same ignition temperature.
- b- The ignition temperature is specific to each material.

8. What happens when there is not enough oxygen?

- a- Complete combustion
- b- Incomplete combustion

9. The blue color of a flame indicates that

- a- Lack of oxygen
- b- Excess of oxygen

10. The correct statement is



- a- A complete combustion requires a greater adduction of oxygen than an incomplete combustion.
- b- A complete combustion requires a less adduction of oxygen than an incomplete combustion.

11. The blue color of flames show that the combustion is

- a- Complete
- b- Incomplete

12. The orange color in flames show that the combustion is

- a- Complete
- b- Incomplete

13. Carbon monoxide and a carbon black deposit are formed during

- a- Complete combustion reactions
- b- Incomplete combustion reactions

Q2) Fill in the blanks

For a combustion reaction to take place 3 elements must be present:

1. which is the substance or material that burns during combustion.
2. is the substance that helps to burn and is often the dioxygen.



3. activation that triggers the combustion reaction.

Q3) Choose the right word

1. temperature
2. burning
3. easier
4. lower
5. Ignition temperature

..... is the minimum that a substance or material needs to start

The the ignition temperature of a material is, the it is to trigger combustion.