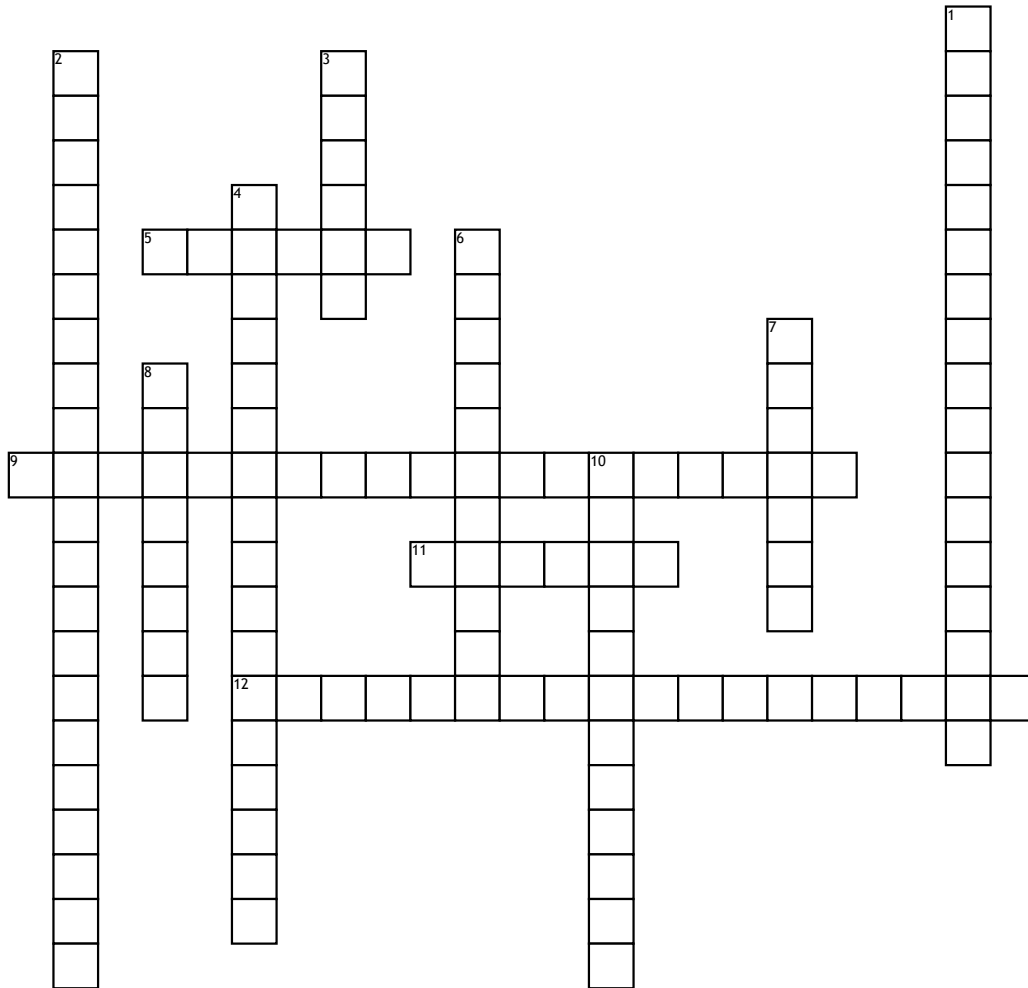


Name: _____

science (chemical reaction)



Across

5. Which of these is found in the fire triangle and is therefore essential for combustion?
9. Combustion reactions always release energy. What word can be used to describe them?
11. in the fire triangle and is therefore essential for combustion?

Word Bank

hydrogen and carbon
Carbon dioxide and water
Oxygen
Complete combustion

12. Which type of combustion releases the most energy?

Down

1. What is a hydrocarbon?
2. What is produced when a hydrocarbon fuel burns in a very good supply of oxygen?
3. When methane burns in oxygen, carbon dioxide and water are made.
4. What is a hydrocarbon?

Exothermic reactions
Catalyst
Oxygen
Oxygen

6. Copper oxide and carbon dioxide are made when copper carbonate is heated strongly.
7. What is another name for combustion?
8. What name is given to a substance that speeds up a reaction without being used up or chemically changed?
10. What name is given to the force that holds atoms together in a compound?

hydrogen and carbon
Burning
Copper oxide
Chemical bond