Chemical Reactions

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- B. Food being digested
- C. A match burning
- D. Ice melting

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- B. four
- C. five
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- B. Increases the energy given off by a reaction
- C. Lowers the activation energy of a reaction
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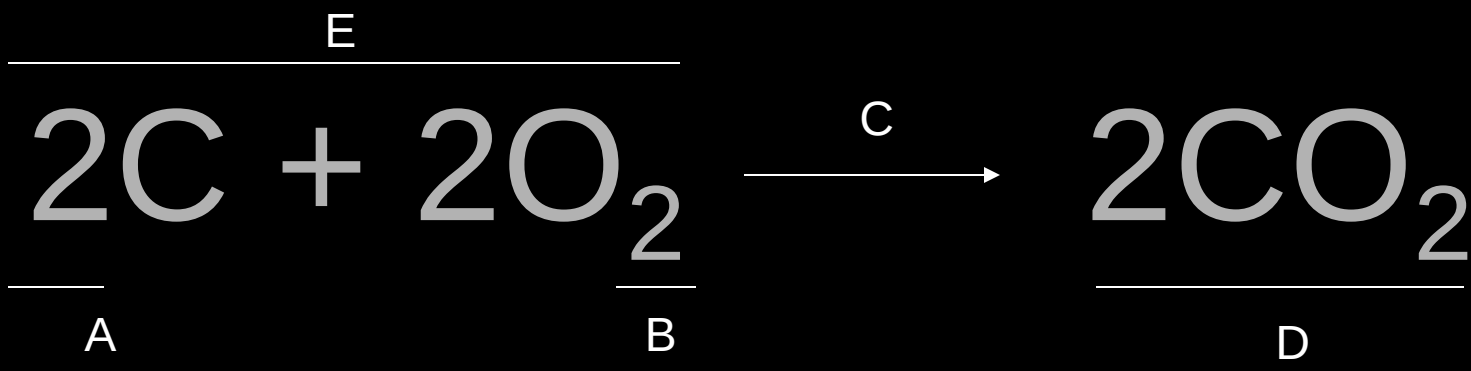
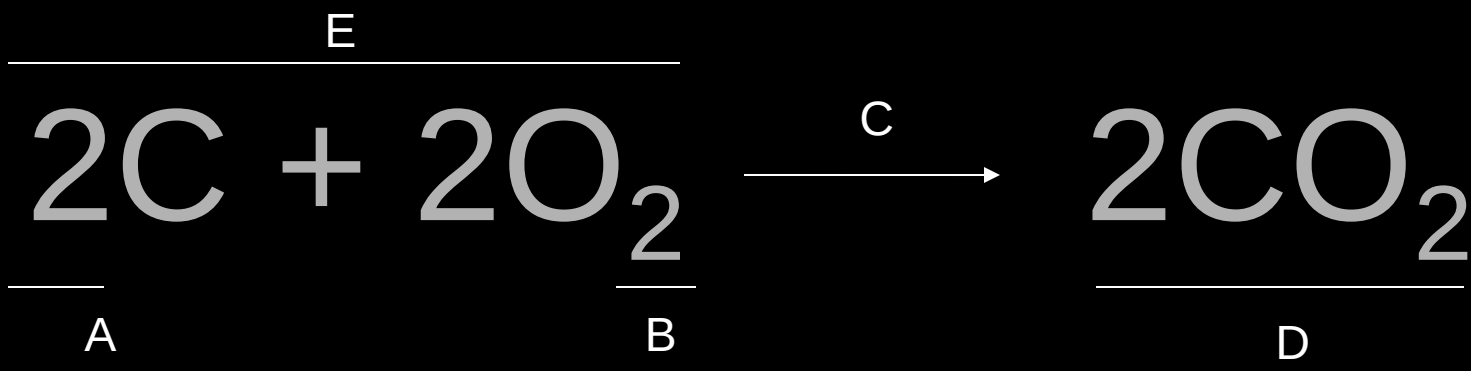


Match the labels to the equation.

- A.
- B.
- C.
- D.
- E.

- yield signs
- subscript
- product
- coefficient
- reactants



- A. coefficient
- B. subscript
- C. yield signs
- D. product
- E. reactants

Match the correct description with the correct term.

- 1. $6CO_2 + 6H_2O + \text{energy} \longrightarrow C_6H_{12}O_6 + 6O_2$
- 2. $H_2CO_3 \longrightarrow H_2O + CO_2$
- 3. $2Na + Cl_2 \longrightarrow 2NaCl + \text{energy}$
- 4. $Zn + 2HCl \longrightarrow ZnCl_2 + H_2$

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- C. Endothermic reaction
- D. Single-displacement reaction

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Which of the following is the chemical formula for a dinitrogen trioxide molecule?

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Which of the following usually increases the rate of a reaction?

- A. decreasing the concentration of the reactants
- B. grinding a solid reactant into a powder
- C. lowering the temperature of the reactants
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- A. synthesis reaction
- B. decomposition reaction
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