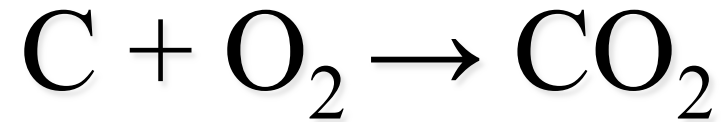
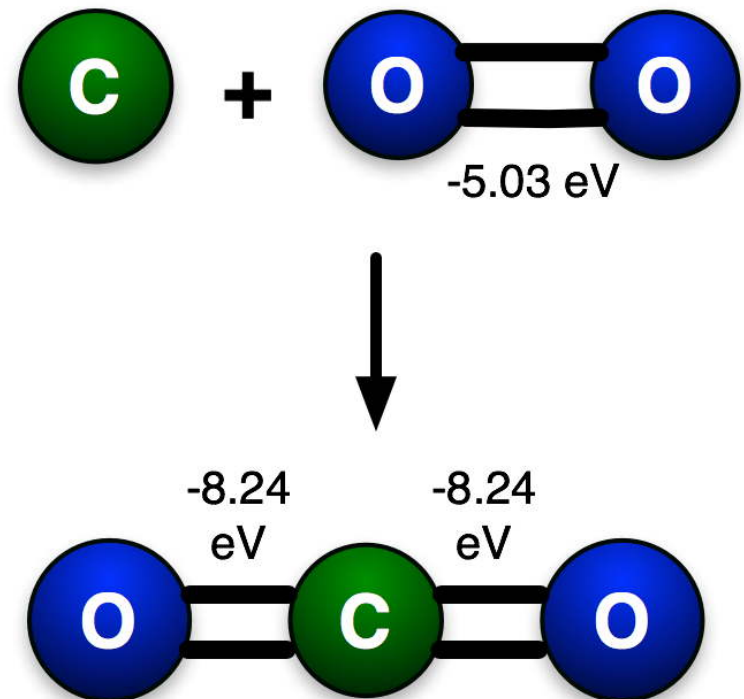


Consider the reaction

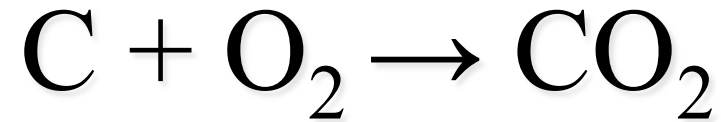


What is the **magnitude** of the change in the chemical energy for this reaction (per reaction)?

- A. 8.24 eV
- B. 3.21 eV
- C. 11.45 eV
- D. 16.48 eV

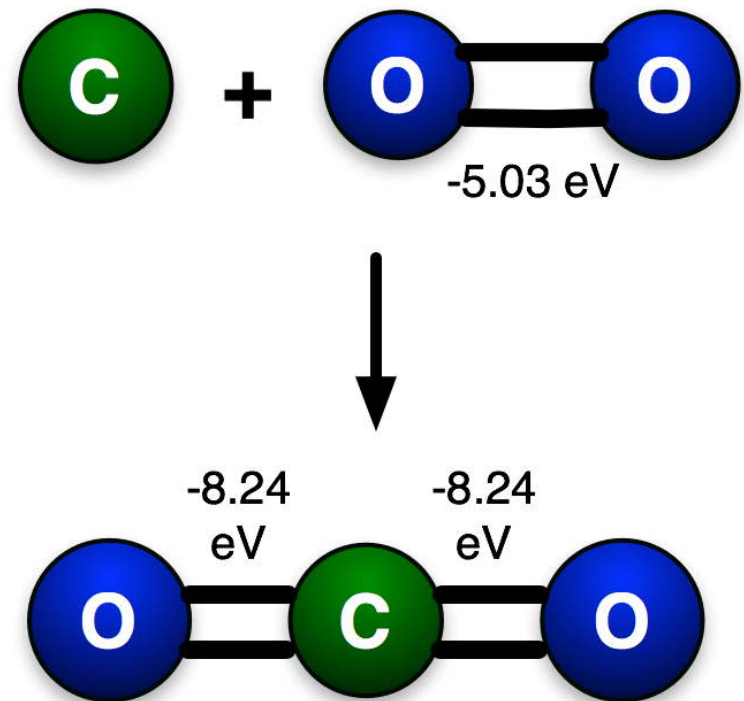


Consider the reaction

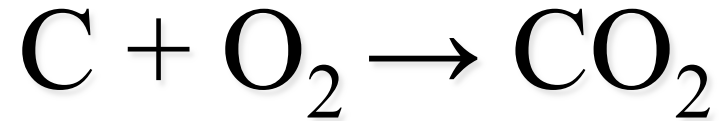


What is the **sign** of the change in the chemical energy for this reaction (per reaction)?

- A. Positive
- B. Negative
- C. Cannot be determined

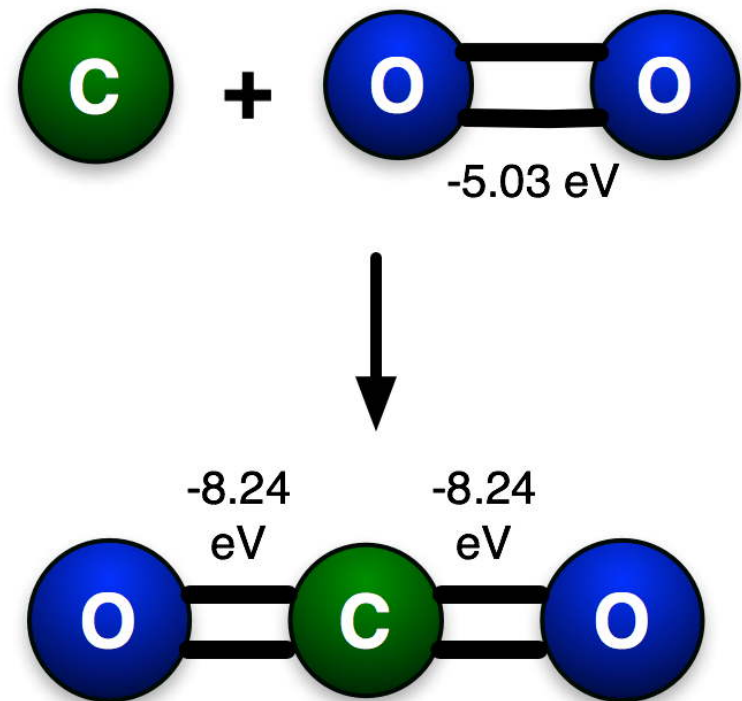


Consider the reaction



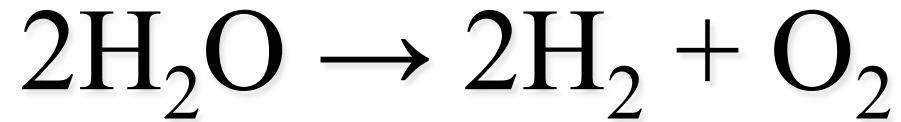
If a mixture of carbon and oxygen gas undergoes the reaction at the right, what is the **sign** of the change in the **thermal** energy?

- A. Positive
- B. Negative
- C. Cannot be determined



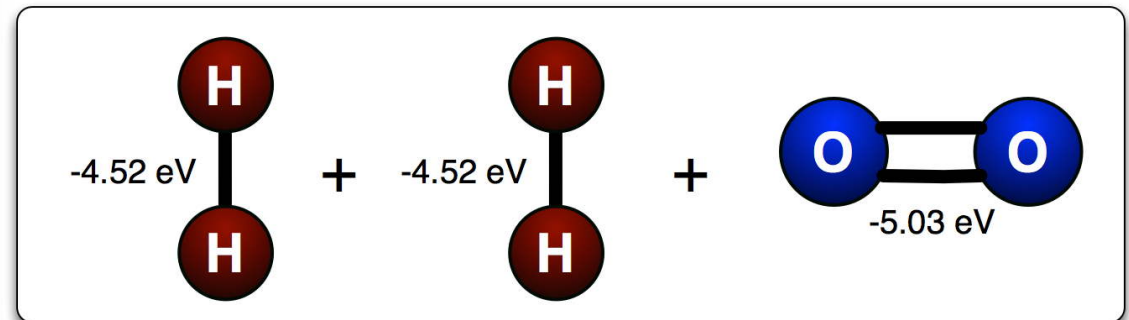
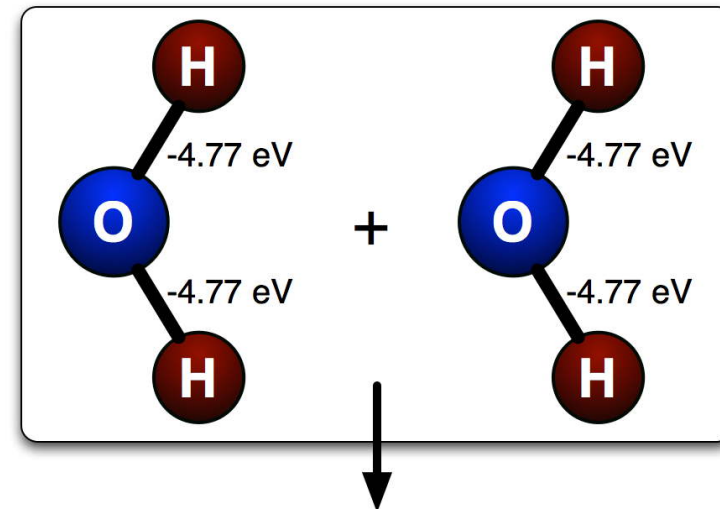
Does this make sense with your everyday experiences?

Consider the reaction



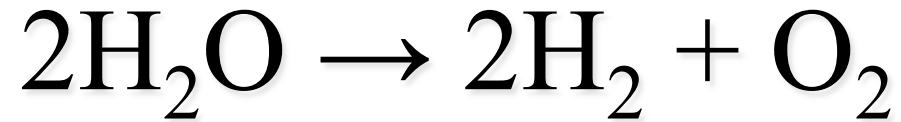
What is the **sign** of the change in the chemical energy for this reaction (per reaction)?

- A. Positive
- B. Negative
- C. Cannot be determined



Does this make sense with your everyday experiences?

Consider the reaction



What is the **magnitude** of the change in the chemical energy for this reaction (per reaction)?

