



Name _____ Class _____ Date _____

1 An alloy is the result of the **combination** of **at least** one metal with other substances. What is the name of the **alloy** used to make the horn shown below?

- A silver
- B aluminum
- C brass
- D copper



2 A **jet engine** produces a(n) _____ reaction to **propel** the jet forward.

- A endothermic
- B physical
- C mechanical
- D exothermic



3 What **causes** the **release of heat** from a jet engine?

- A an endothermic reaction
- B a chemical reaction
- C a physical change



4 In an **alloy**, at least one of the **elements** in the mixture is a _____.

- A metal
- B compound
- C nonmetal
- D metalloid



PREVIEW

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6 C the products finished with less energy than the reactants
D the products finished with the same energy as the reactants

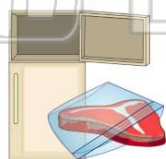


- B digestion and burning of food
- C production of carbon dioxide
- D production of water



9 When food is stored in a freezer, but **not wrapped properly**, it may get spoiled by "**freezer burn**." This is caused by _____.

- A the freezer breaking
- B water from the food freezing unevenly
- C putting food under ice cubes
- D high amounts of carbon in the freezer



10 A **food additive** is a **chemical** that is _____.

- A added to food
- B used to make food grow
- C removed from food
- D used to make food less sweet





ANSWER KEY

An alloy is the result of the **combination** of **at least** one metal with other substances. What is the name of the **alloy** used to make the horn shown below?

- A silver
- B aluminum
- C brass
- D copper



(c)

A **jet engine** produces a(n) _____ reaction to **propel** the jet forward.

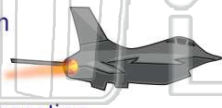
- A endothermic
- B physical
- C mechanical
- D exothermic



(d)

What **causes** the **release of heat** from a jet engine?

- A an endothermic reaction
- B a chemical reaction
- C a physical change
- D an endothermic change



(b)

In an **alloy**, at least one of the **elements** in the mixture is a _____.

- A metal
- B compound
- C nonmetal
- D metalloid



(a)



PREVIEW

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with less energy than the reactants
D the products finished with the same energy as the reactants

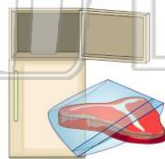


- burning of food
- C production of carbon dioxide
- D production of water



When food is stored in a freezer, but **not wrapped properly**, it may get spoiled by "**freezer burn**." This is caused by _____.

- A the freezer breaking
- B water from the food freezing unevenly
- C putting food under ice cubes
- D high amounts of carbon in the freezer



(b)

A **food additive** is a **chemical** that is _____.

- A added to food
- B used to make food grow
- C removed from food
- D used to make food less sweet



(a)