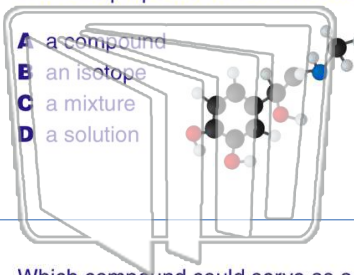




Name _____ Class _____ Date _____

1 **Matter** that is composed of two or more different elements **chemically combined** in a fixed proportion is classified as

- A a compound
- B an isotope
- C a mixture
- D a solution



2 Which **compound** is a **saturated hydrocarbon**?

- A hexane
- B hexene
- C hexanol
- D hexanal

3 Which compound could serve as a **reactant** in a **neutralization reaction**?

- A NaCl

4 What is the **empirical formula** for the compound $C_6H_{12}O_6$?

5

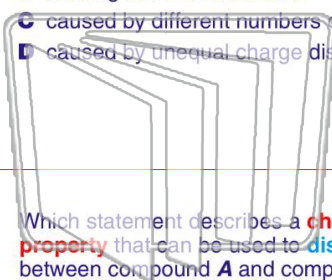


PREVIEW

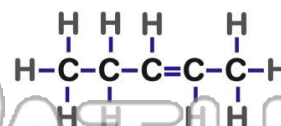
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7

- A existing between ions
- B existing between electrons
- C caused by different numbers of neutrons
- D caused by unequal charge distribution



- A 2-pentene
- B 3-pentene
- C 2-pentyne
- D 3-pentyne



9

Which statement describes a **chemical property** that can be used to **distinguish** between compound **A** and compound **B**?

- A A is a blue solid, and B is a white solid.
- B A has a high melting point, and B has a low melting point.
- C A dissolves in water, and B does not dissolve in water.
- D A does not burn in air, and B does burn in air.

10

Which **compound** is an **Arrhenius base**?

- A CH_3OH
- B CO_2
- C $LiOH$
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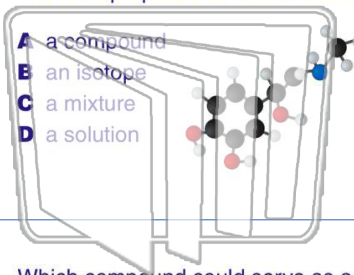


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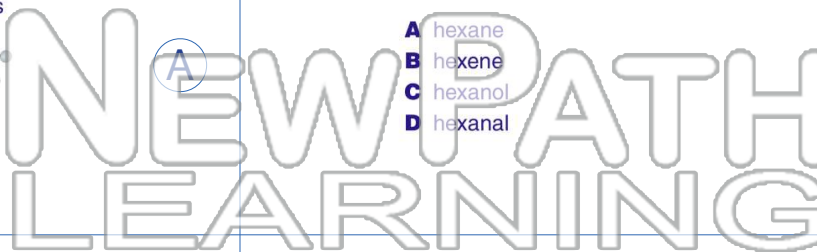
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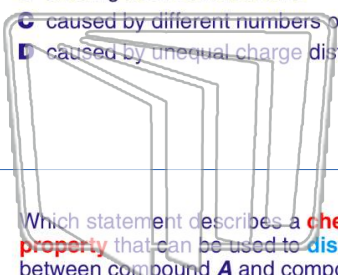
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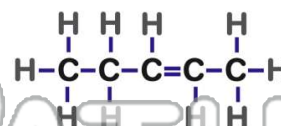
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