

Homework – Ionic and Covalent – Version A

1. Are each of the compounds/molecules below ionic or covalent?

a. NaCl

b. H₂O

c. CO₂

d. MgI₂

e. K₂CO₃

2. What is the difference between ionic and covalent bonds?

3. Why does salt water carry a current (light up the lightbulb) while sugar water does not?

Homework – Ionic and Covalent – Version B

1. Are each of the compounds/molecules below ionic or covalent?

a. H_2S

b. KCl

c. Na_2CO_3

d. N_2

e. CaBr_2

2. What is the difference between ionic and covalent bonds?

3. Why does salt water carry a current (light up the lightbulb) while sugar water does not?