

NAMING COMPOUNDS MCQ WORKSHEET

1. Which statement about electronegativity is incorrect?
 - (a) Electronegativity increases from bottom to top within a periodic table group.
 - (b) Metals generally have higher electronegativity values than nonmetals.
 - (c) Electronegativity increases from left to right within a periodic table row.
 - (d) Fluorine is the most electronegative atom of all the elements.

2. Which of the following pairs is incorrect?
 - (a) MgO → Ionic Compound
 - (b) CoS → Ionic Compound
 - (c) CH_4 → Polar Covalent Compound
 - (d) N_2 → Nonpolar Covalent Compound

3. Which of the following statements concerning double covalent bonds is correct?
 - (a) They always involve the sharing of 2 electron pairs.
 - (b) They only exist in molecules containing polyatomic ions.
 - (c) They only take place between atoms containing 4 valence electrons.
 - (d) Slicing potatoes for fries
 - (e) They are found only in molecules containing S.

4. Which of the following needs to be corrected?
 - (a) CuO → Ionic Compound
 - (b) BBr_3 → Nonpolar Covalent Compound
 - (c) CCl_4 → Polar Covalent Compound
 - (d) IF → Nonpolar Covalent Compound
 - (e) a rusting nail

5. Which of the following statements about noble gases is incorrect?
 - (a) All have very stable electron arrangements.
 - (b) They are the most reactive of all gases.
 - (c) All have 8 valence electrons.
 - (d) All exist in nature as individual atoms rather than in molecular form.

NAMING COMPOUNDS MCQ WORKSHEET

Answers

1. Which statement about electronegativity is incorrect?

- (a) Electronegativity increases from bottom to top within a periodic table group.
- (b) Metals generally have higher electronegativity values than nonmetals.
- (c) Electronegativity increases from left to right within a periodic table row.
- (d) Fluorine is the most electronegative atom of all the elements.

2. Which of the following pairs is incorrect?

- (a) MgO → Ionic Compound
- (b) CoS → Ionic Compound
- (c) CH₄ → Polar Covalent Compound
- (d) N₂ → Nonpolar Covalent Compound

3. Which of the following statements concerning double covalent bonds is correct?

- (a) They always involve the sharing of 2 electron pairs.
- (b) They only exist in molecules containing polyatomic ions.
- (c) They only take place between atoms containing 4 valence electrons.
- (d) Slicing potatoes for fries
- (e) They are found only in molecules containing S.

4. Which of the following needs to be corrected?

- (a) CuO → Ionic Compound
- (b) BBr₃ → Nonpolar Covalent Compound
- (c) CCl₄ → Polar Covalent Compound
- (d) IF → Nonpolar Covalent Compound
- (e) a rusting nail

5. Which of the following statements about noble gases is incorrect?

- (a) All have very stable electron arrangements.
- (b) They are the most reactive of all gases.
- (c) All have 8 valence electrons.
- (d) All exist in nature as individual atoms rather than in molecular form.