

Applying Nomenclature Rules Using Fictional Names

Updated on July 3, 2020

1. What would be the name of the acid formed by the *fictional* anion **magnate**?
(Yes, the fictional anion name is an English word. But you must know which part you need to pay attention to, and apply the naming rules)
 - A) hydromagnic acid
 - B) magnic acid
 - C) magnous acid
 - D) magnatic acid
 - E) hypomagnic acid

2. The *fictional* element **colloquium** (symbol Cq) makes two oxyanions:
 CqO_3^- and CqO_4^-
What would be the name of CqO_4^- ?
(The fictional element name is a Latin word that ends with -ium like many real elements. Just use the same rules as you would with a real element name.)
 - A) colloquite
 - B) colloquate
 - C) colloquium tetroxide
 - D) colloquium (VI) oxide
 - E) colloquous

3. The *fictional* element **beneficium** (symbol Bn) makes two oxyanions:
 BnO_3^{2-} and BnO_4^{2-}
What would be the name of SrBnO_3 ?
(The fictional element name is a Latin word that ends with -ium like many real elements. Just use the same rules as you would with a real element name.)
 - A) strontium beneficite
 - B) strontium(II) beneficate
 - C) strontium beneficium trioxide
 - D) strontium beneficium (VI) oxide
 - E) strontium(II) beneficite

4. Tennessine (symbol Ts) is a synthetic element with the atomic number 117, in the Group 7A of the periodic table. It is a radioactive, highly unstable element that decays in milliseconds, making the study of its chemical properties very difficult. If we assume that it acts similar to other members of its group, and use the naming scheme appropriate for the oxyanions of the elements in that group, what would be the name of TsO_3^- ?

- A) tennesite
- B) tennesate
- C) hypotennesite
- D) pertennesate
- E) tennessine trioxide

5. Halogen names used by the fictional Secret Order of Renegade Chemists are the following:

- fungicine (Fu)
- clementine (Ct)
- brilline (Bl)
- internecine (Ic)

Note that the names end with -ine just as the halogen names used by ordinary chemists. According to the rules of inorganic nomenclature, what is the name of the acid formed when fungicine makes a binary compound with hydrogen?

- A) hydrogen fungicide
- B) hydrofungic acid
- C) fungic acid
- D) fungicine acid
- E) fungicidic acid

6. Halogen names used by the fictional Secret Order of Renegade Chemists are the following:

- fungicine (Fu)
- clementine (Ct)
- brilline (Bl)
- internecine (Ic)

Note that the names end with -ine just as the halogen names used by ordinary chemists. According to the rules of inorganic nomenclature, what is the name of the anion formed by brilline, and the formula representation of the acid it makes?

- A) brilline, HBl
- B) brillade, HBl
- C) brillide, HBl(aq)
- D) brillite, HBl(aq)
- E) brillide, HBl

7. Gregine (symbol Gg) is a fictional name for one of the halogens. According to the naming rules for the oxyanions of halogens, what would be the name of GgO_2^- ?
- A) hypogregite
 - B) gregite
 - C) pergregate
 - D) gregate
 - E) gregine dioxide
8. Groline (symbol Gl) is a fictional name for one of the halogens. According to the naming rules for the oxyanions of halogens, what would be the name of $HGlO_2$?
- A) hypogrolous acid
 - B) grolous acid
 - C) pergrollic acid
 - D) grollic acid
 - E) hydrogen groline dioxide
9. The names and symbols for the transition elements used in the fictional hermit kingdom of Kimia are different from those used by the rest of the planet, except for silver, cadmium, and zinc. For the rest of the elements and chemical entities the kingdom uses the same names and inorganic nomenclature rules as used by the rest of the world. If the name used for a transition metal is “unobtainium” (symbol Un), what would be the name of $UnSO_4$ in the kingdom of Kimia?
- A) unobtainium sulfur tetroxide
 - B) unobtainium (II) sulfate
 - C) unobtainium monosulfate
 - D) unobtainium sulfate
 - E) unobtainium (I) sulfate

**Newer Questions on Nomenclature
Answer Section**

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|-----------|--------|
| 1. ANS: B | PTS: 1 |
| 2. ANS: B | PTS: 1 |
| 3. ANS: A | PTS: 1 |
| 4. ANS: B | PTS: 1 |
| 5. ANS: B | PTS: 1 |
| 6. ANS: C | PTS: 1 |
| 7. ANS: B | PTS: 1 |
| 8. ANS: B | PTS: 1 |
| 9. ANS: B | PTS: 1 |