

## Applying nomenclature rules using fictional names; #2

1. What would be the name of the acid formed by the *fictional* anion **ingrate**?  
(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) hydroingric acid
  - B) ingric acid
  - C) ingrous acid
  - D) ingratic acid
  - E) hypoingric acid
  
2. The *fictional* element **hospitium** (symbol Ht) makes two oxyanions:  
 $\text{HtO}_3^-$  and  $\text{HtO}_4^-$   
What would be the name of  $\text{Ca}(\text{HtO}_3)_2$ ?  
(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) calcium hospitite
  - B) calcium(II) hospitate
  - C) calcium hospitium trioxide
  - D) calcium hospitium (VI) oxide
  - E) calcium(II) hospitite
  
3. The fictional republic of Phylophonia follows the standard naming conventions of inorganic chemistry, except for the names and symbols of alkaline earth metals, which are named after the children of the founder Al Kali. One of the alkaline earth metals is known as *kluq*, with the symbol Kq. If the formula of the compound made by *kluq* and oxygen is  $\text{KqO}_2$ , what is the name of the compound?
  - A) monokluq dioxide
  - B) kluq dioxide
  - C) kluq peroxide
  - D) kluq (IV) oxide
  - E) kluq monoperoxide

4. The names and symbols for metals in the fictional republic of Questia are different from those used by the rest of the planet. The rest of the chemical nomenclature is the same as in English speaking countries. The metal “Jililium” (symbol Ji) is known to make many compounds including  $\text{JiSO}_4$ ,  $\text{JiPO}_4$ , and  $\text{JiNO}_3$ . What would be the name of  $\text{JiF}_2$  in the republic of Questia?
- A) Jililium fluoride
  - B) Jililium (II) fluoride
  - C) Jililium difluoride
  - D) Jililium (III) fluoride
  - E) Jililium fluoride
5. The *fictional* element **geranium** (symbol Gr) makes two oxyanions:  
 $\text{GrO}_3^-$  and  $\text{GrO}_4^-$   
What would be the name of  $\text{GrO}_4^-$ ?  
(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) geranite
  - B) geranium tetroxide
  - C) geranium (VI) oxide
  - D) geranate
  - E) geranous

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**Answer Section**

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|-----------|--------|
| 1. ANS: B | PTS: 1 |
| 2. ANS: A | PTS: 1 |
| 3. ANS: C | PTS: 1 |
| 4. ANS: B | PTS: 1 |
| 5. ANS: D | PTS: 1 |