

This print-out should have 22 questions. Multiple-choice questions may continue on the next column or page – find all choices before answering. The due time is Central time.

Broadbelt 04 15

02:10, general, multiple choice, < 1 min, fixed.

001

What name would you give a compound consisting of two bromine atoms and one calcium atom?

1. bromium calcide
2. bromine calcide
3. calcium bromine
4. calcium bromide
5. dibromo-calcide

Broadbelt 10200412

02:10, general, multiple choice, < 1 min, fixed.

002

Name the compound AlCl_3

1. aluminum trichloride
2. aluminum chloride
3. chlorine aluminide
4. chloric aluminum
5. aluminum perchloride
6. aluminum chlorate
7. perchloric aluminide
8. aluminum chloride(III)
9. aluminic chloride

Mlib 01 2009

02:10, general, multiple choice, > 1 min, fixed.

003

Choose that pair of names and formulas that do not match.

1. SnCl_4 : tin(IV) chloride
2. $\text{Fe}_2(\text{SO}_4)_3$: iron(III) sulfate
3. SnO : tin(II) oxide
4. Cu_2O : copper(II) oxide
5. MnCO_3 : manganese(II) carbonate

Mlib 01 2015

02:10, general, multiple choice, > 1 min, fixed.

004

Choose the pair of names and formulas that do not match.

1. SnCl_4 : stannic chloride
2. SiCl_4 : silicon tetrachloride
3. N_2O_3 : dinitrogen trioxide
4. MgSO_3 : magnesium sulfate
5. NaNO_3 : sodium nitrate

Mlib 01 2015 IUPAC

02:10, general, multiple choice, < 1 min, fixed.

005

Choose the pair of names and formulas that do not match.

1. SnCl_4 : tin(IV) chloride
2. SiCl_4 : silicon tetrachloride
3. N_2O_3 : dinitrogen trioxide
4. MgSO_3 : magnesium sulfate
5. NaNO_3 : sodium nitrate

Formula potassium sulfate

02:10, general, multiple choice, < 1 min, fixed.

006

The chemical formula for potassium sulfate is

1. KSO_4
2. K_2SO_4
3. $\text{K}(\text{SO}_4)_2$
4. $\text{K}_3(\text{SO}_4)_2$

Mlib 01 2029

02:10, general, multiple choice, > 1 min, fixed.

007

Cobalt(III) oxide would be the label for

1. Co_3O .
2. CoO .
3. Co_2O_3 .
4. CoO_3 .
5. Co_3O_2 .

Mlib 01 2035

02:10, general, multiple choice, > 1 min, fixed.

008

Give the formula for aluminum hydroxide.

1. AlOH
2. AlOH_3
3. $\text{Al}(\text{OH})_3$
4. AlH_3

Mlib 01 2127

02:10, general, multiple choice, > 1 min, fixed.

009

The correct name for the compound $\text{K}_2\text{Cr}_2\text{O}_7$ is

1. potassium dichromate.
2. potassium chromate.

3. potassium chromium oxide.

4. dipotassium dichromium heptaoxide.
5. dipotassium dichromate.

Mlib 01 2121

02:10, general, multiple choice, > 1 min, fixed.

010

The correct name for $(\text{NH}_4)_2\text{S}$ is

1. ammonium sulfide.
2. ammonium sulfate.
3. nitrogen hydrogen sulfide.
4. diammonium sulfate.
5. nitro sulfate.

Mlib 01 2099

02:10, general, multiple choice, > 1 min, fixed.

011

Which of the following is the correct formula for sodium hypochlorite?

1. NaCl
2. NaClO
3. NaClO_2
4. NaClO_3
5. NaClO_4

Mlib 01 2133

02:10, general, multiple choice, > 1 min, fixed.

012

What is the formula for copper(I) sulfite?

1. Cu_2S
2. CuS
3. Cu_2SO_4

4. Cu_2SO_3 5. CuSO_3 6. CuSO_4

Sparks trans form 003

02:10, general, multiple choice, < 1 min, fixed.

013

Choose the formula for the compound manganese(II) chlorate.

1. $\text{Mn}(\text{ClO}_3)_2$ 2. MnClO_3 3. $\text{Mn}(\text{ClO}_2)_2$ 4. MnClO_2 5. MnCl_2 6. $\text{Mn}(\text{ClO}_4)_2$ 7. MnClO_4 8. $\text{Mn}(\text{ClO})_2$

ChemPrin3e D 06

02:11, general, multiple choice, < 1 min, wording-variable.

014

What is the formula of dinitrogen tetroxide?

1. N_2O_4 2. NO_4 3. N_4O_2 4. N_3O_4 5. N_2O_3

6. None of these

Mlib 01 2265

02:11, general, multiple choice, > 1 min, fixed.

015What is the name for the compound Cl_2O_5 ?

1. chloroxide

2. dichlorine oxide

3. dichlorine pentoxide

4. dichloride pentoxide

5. chlorine oxide

Mlib 01 2023

02:11, general, multiple choice, > 1 min, fixed.

016

Choose the pair of names and formulas that do NOT match.

1. Cl_2O_7 : dichlorine heptoxide2. As_4O_6 : tetraarsenic oxide3. NO : nitrogen monoxide4. SO_3 : sulfur trioxide5. N_2O_5 : dinitrogen pentoxide

Sparks cov name 002

02:11, general, multiple choice, < 1 min, fixed.

017Name the compound SO_3 .

1. sulfur trioxide

2. sulfur oxide

3. sulfate

4. sulfite

5. sulfur(VI) oxide

Sparks acid form 003

02:12, general, multiple choice, < 1 min, fixed.

018

Choose the formula for the compound nitrous acid.

1. HNO_4
2. HNO
3. HNO_3
4. HNO_2
5. HN
6. H_3N
7. H_2NO_3
8. H_2NO_2

Msci 10 0808

02:12, general, multiple choice, > 1 min, fixed.

019

The name of the acid HClO_4 is

1. perchloric acid.
2. hydrochlorate acid.
3. hypochlorous acid.
4. chloric acid.

Mlib 75 0015

02:12, general, multiple choice, > 1 min, fixed.

020

Pick the name and formula that do NOT match.

1. HClO_4 : chloric acid
2. H_2CO_3 : carbonic acid
3. HCl : hydrochloric acid
4. H_2SO_4 : sulfuric acid

Mlib 01 2081

02:12, general, multiple choice, > 1 min, fixed.

021

If sulfuric acid is derived from the sulfate ion, what is the formula for sulfuric acid?

1. HSO_4
2. H_2SO_3
3. H_2SO_4
4. H_3SO_4
5. HSO_3

Sparks116

02:11, general, multiple choice, < 1 min, fixed.

022

What is the formula for phosphorous pentafluoride?

1. PF
2. P_5F
3. PF_5
4. KF_5
5. K_5F
6. PF_9
7. PF_7
8. P_7F