

Names to Formulas 1

Apprentice Difficulty Level

Question Group 1

Question 1

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

carbon
dioxide



phosphorous
trichloride



nitrogen
monoxide



Question 2

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

nitrogen
monoxide



carbon
dioxide



phosphorous
trichloride



Question 3

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

phosphorous
trichloride



nitrogen
monoxide



carbon
dioxide



Question Group 2

Question 4

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

sulfur
hexafluoride



carbon
monoxide



nitrogen
trioxide



Question 5

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

nitrogen
trioxide



sulfur
hexafluoride



carbon
monoxide



Question 6

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

carbon
monoxide



nitrogen
trioxide



sulfur
hexafluoride



Question Group 3

Question 7

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

dinitrogen
tetroxide



carbon
disulfide



nitrogen
trifluoride



Question 8

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

nitrogen
trifluoride



dinitrogen
tetroxide



carbon
disulfide



Question 9

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

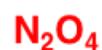
carbon
disulfide



nitrogen
trifluoride



dinitrogen
tetroxide



Question Group 4

Question 10

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

dinitrogen
trioxide



carbon
dioxide



phosphorous
pentachloride



Question 11

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

phosphorous
pentachloride



dinitrogen
trioxide



carbon
dioxide



Question 12

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

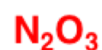
carbon
dioxide



phosphorous
pentachloride



dinitrogen
trioxide



Master Difficulty Level**Question Group 5****Question 13**

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

sodium
nitrate



calcium
hydroxide



potassium
sulfate

**Question 14**

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

potassium
sulfate



sodium
nitrate



calcium
hydroxide

**Question 15**

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

calcium
hydroxide



potassium
sulfate



sodium
nitrate



Question Group 6

Question 16

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

sodium
nitrite



aluminum
cyanide



calcium
sulfate



Question 17

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

calcium
sulfate



sodium
nitrite



aluminum
cyanide



Question 18

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

aluminum
cyanide



calcium
sulfate



sodium
nitrite



Question Group 7

Question 19

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

iron(II)
phosphate



lithium
carbonate



ammonium
chloride



Question 20

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

ammonium
chloride



iron(II)
phosphate



lithium
carbonate



Question 21

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

lithium
carbonate



ammonium
chloride



iron(II)
phosphate



Question Group 8

Question 22

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

ammonium
sulfate



copper(I)
carbonate



iron(III)
hydroxide



Question 23

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

iron(III)
hydroxide



ammonium
sulfate



copper(I)
carbonate



Question 24

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

copper(I)
carbonate



iron(III)
hydroxide



ammonium
sulfate



Wizard Difficulty Level**Question Group 9****Question 25**

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

copper(II)
acetate



iodine
trichloride



aluminum
phosphate

**Question 26**

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

aluminum
phosphate



copper(II)
acetate



iodine
trichloride

**Question 27**

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

iodine
trichloride



aluminum
phosphate



copper(II)
acetate

**Question Group 10****Question 28**

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

chromium(III)
hydroxide



ammonium
carbonate



carbon
disulfide



Question 29

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

carbon
disulfide



chromium(III)
hydroxide



ammonium
carbonate



Question 30

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

ammonium
carbonate



carbon
disulfide



chromium(III)
hydroxide



Question Group 11

Question 31

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

diphosphorous
pentoxide



ammonium
phosphide



barium
nitrate



Question 32

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

barium
nitrate



diphosphorous
pentoxide



ammonium
phosphide



Question 33

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

ammonium
phosphide



barium
nitrate



diphosphorous
pentoxide



Question Group 12

Question 34

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

lead(II)
nitrite



carbon
tetrachloride



calcium
carbonate



Question 35

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

calcium
carbonate



lead(II)
nitrite



carbon
tetrachloride



Question 36

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

carbon
tetrachloride



calcium
carbonate



lead(II)
nitrite



Question Group 13

Question 37

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

calcium
chloride



strontium
phosphate



lead(IV)
sulfate



Question 38

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

lead(IV)
sulfate



calcium
chloride



strontium
phosphate



Question 39

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

strontium
phosphate



lead(IV)
sulfate



calcium
chloride



Question Group 14

Question 40

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

xenon
tetrafluoride



copper(II)
nitrate



aluminum
chloride



Question 41

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

aluminum
chloride



xenon
tetrafluoride



copper(II)
nitrate



Question 42

In Chemistry, there are specific rules for writing the formulas of compounds having a given name. One or more of these formulas are *breaking the rules*. Select all the *rule breakers*.

copper(II)
nitrate



aluminum
chloride



xenon
tetrafluoride

