

# Assessment

## Chemistry: Lesson 09



## Question 1

Calcium and oxygen in a compound should have the formula:



## Question 2

Carbon tetrafluoride should have the formula \_\_\_\_\_.



### Question 3

Aluminum with nitrogen is a compound with the formula \_\_\_\_\_.



## Question 4

Which pair of elements should form an ionic compound?

A. Mg and Ca

B. K and S

C. N and O

D. P and Cl

## Question 5

$\text{Na}_2\text{O}$  is the formula for which compound?

- A. sodium oxide
- B. sodium (I) oxide
- C. sodium(II) oxide
- D. sodium oxate

## Question 6

The correct name for the acid HI is \_\_\_\_\_ acid.

- A. hydrogen iodate
- B. Hydroiodic
- C. hydrogen iodite
- D. hydrogen iodide

## Question 7

The compound  $\text{H}_2\text{S}$  is named “sulfuric acid”.

A. True

B. False

## Question 8

$\text{SO}_4^{2-}$  is a polyatomic ion.

A. True

B. False

## Question 9

Which pair of elements should form a molecular compound?

A. Na and Br

B. Fe and Cl

C. S and O

D. K and Ca

## Question 10

Which of the following is a polyatomic ion?

