Chemistry Course Learnersourcing Skill Generation Activity

What is the chemical formula for barium phosphate?

○ $Ba_2(PO_4)_3$

○ Ba_2PO_4

○ Ba_3PO_{42}

○ $Ba_3(PO_4)_2$

💡

What is the chemical formula for potassium nitrite?

○ KNO_3

○ KNO_2

○ K_2NO_3

○ K_2NO_2

💡

What is the chemical formula for magnesium hydroxide?

○ $Mg(OH)_2$

○ $MgOH_2$

○ MgO_2H

○ Mg_2PH

💡

What is the chemical formula for copper(I) carbonate?

○ $Cu(CO_3)_2$

○ $Cu_2(CO_3)_3$

○ $CuCO_3$

○ Cu_2CO_3

💡

In order to successfully solve the above chemical formula problems, what are three skills you needed to know?

For instance, one example might be "Knowing which letter sequences correspond to elements on the periodic table".

[_____]

[_____]

[_____]

Modify the above function `evens3(n)` to define a function `odds(n)` that takes an integer `n` and prints the first `n` odd integers such that the output of the function call `odds(10)` is the following:

```
When num is 0 prints 1
When num is 1 prints 3
When num is 2 prints 5
When num is 3 prints 7
When num is 4 prints 9
When num is 5 prints 11
When num is 6 prints 13
When num is 7 prints 15
When num is 8 prints 17
When num is 9 prints 19
```

Run   Clear

```
1 ▾ def odds(n):
2 ▾    for num in range(n):
3         # print('when num is', num, 'print'
4         #,              )
5         # insert an appropriate expression
6         #replacing the blank
```

```
Python 3.8.5 (default, Sep 10 2020, 16:47:10)
[GCC 8.3.0] on linux
Type "help", "copyright", "credits" or "license" for
 more information.
>>>
```

In order to successfully solve the above programming problem, what are three skills you needed to know?

For instance, one example might be "knowing how to multiply numbers in Python".

[_____]

[_____]

[_____]