

how to install:

1: transfer ceb.hpprg

2: transfer ceb.zip

the size of ceb.hpprg should be 29kb on the calculator if it showing less transfer ceb.hpprg again.

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**on the calculator:**

press Apps then press ceb

go to program catalog

press ceb (APP)

press check, that's all

now, the program can be accessed by typing bal() at the HOME screen or CAS screen or by pressing the Num key or pressing ceb in application library

let me know if you have any questions or problems.

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Chemical Equation Balancer

Version 2.0

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Chemical Equation Balancer

is a powerful chemical Equation Balancer written  
for hp Prime, hp48, and hp50 series of calculators.

C.E.B can balance a Chemical equation in a fraction of a second despite the complexity of the Equation.

It returns all possible solutions to an equation which is not readily possible Using paper and pencil technique.

Equations can be entered much the same way as in a text book just

enclose charges in parenthesis.

charges can be entered as:

(+),(1+),(+1)

(2+),(+2),(++)

etc....

example:

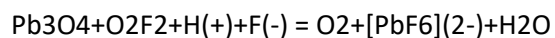
Sodium ion is entered as: Na(+) or Na(1+) or Na(+1)

calcium ion can be entered as: Ca(2+) or Ca(+2) or Ca(++)

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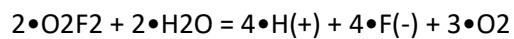
Example 1:

type bal at the home screen or cas screen then enter the following equation:

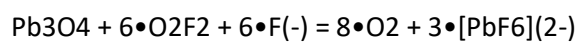


You get 2 possible solutions:

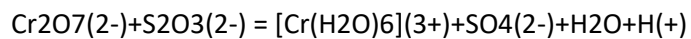
Solution 1:



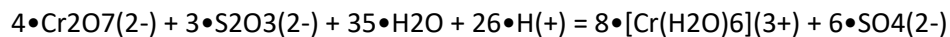
Solution 2:



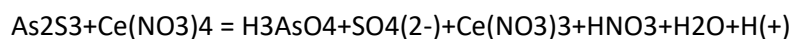
Example 2:



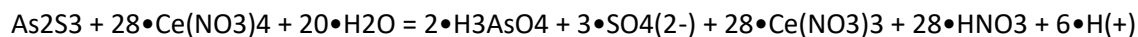
Solution:



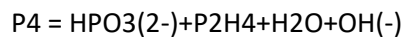
Example: 3



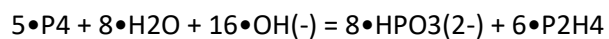
Solution:



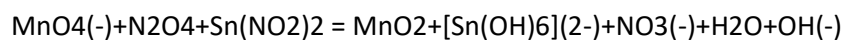
Example: 4



Solution:

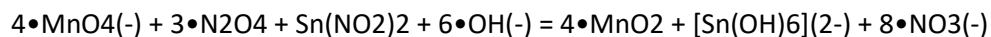


Example: 5



Solution: two possible solutions:

Solution 1:



Solutions 2:

