



Writing Chemical Formulae And Balanced Chemical Equations

Writing Chemical Formulae and Equations

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2. Balancing **Basic** Chemical Equations with **Three** Terms or Less
3. Balancing **Basic** Chemical Equations with **Four** Terms
4. Balancing **Intermediate** Chemical Equations with **Three** Terms
5. Balancing **Intermediate** Chemical Equations with **Four** Terms
6. Balancing **Advanced** Chemical Equations with **Four** Terms
7. Balancing **Advanced** Chemical Equations with **Five** Terms
8. Balancing **Advanced** Chemical Equations with **Six** Terms or More



Writing Chemical Formulae and Equations

Pre-balancing Practice

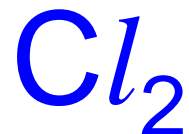


1. Pre-balancing practice.

Writing Chemical Formulae and Equations

Pre-balancing Practice

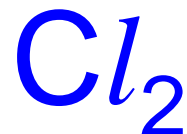
1. How many atoms of each kind are there in the following expression?



Writing Chemical Formulae and Equations

Pre-balancing Practice

1. How many atoms of each kind are there in the following expression?



- There are 2 atoms of chlorine – Cl



Writing Chemical Formulae and Equations

Pre-balancing Practice

2. How many atoms of each kind are there in the following expression?



Writing Chemical Formulae and Equations

Pre-balancing Practice

2. How many atoms of each kind are there in the following expression?



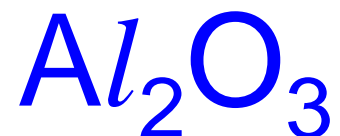
- There is 1 atom of carbon – C
- There are 4 atoms of hydrogen – H



Writing Chemical Formulae and Equations

Pre-balancing Practice

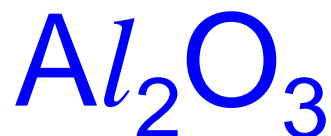
3. How many atoms of each kind are there in the following expression?



Writing Chemical Formulae and Equations

Pre-balancing Practice

3. How many atoms of each kind are there in the following expression?



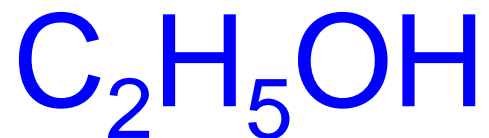
- There are 2 atoms of aluminium – Al
- There are 3 atoms of oxygen – O



Writing Chemical Formulae and Equations

Pre-balancing Practice

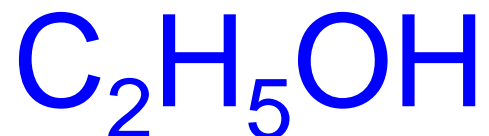
4. How many atoms of each kind are there in the following expression?



Writing Chemical Formulae and Equations

Pre-balancing Practice

4. How many atoms of each kind are there in the following expression?



- There are 2 atoms of carbon – C
- There are $5 + 1 = 6$ atoms of hydrogen – H
- There is 1 atom of oxygen – O



Writing Chemical Formulae and Equations

Pre-balancing Practice

5. How many atoms of each kind are there in the following expression?



Writing Chemical Formulae and Equations

Pre-balancing Practice

5. How many atoms of each kind are there in the following expression?



- There is 1 atom of lead – Pb
- There are 2 atoms of nitrogen – N
- There are $2 \times 3 = 6$ atoms of oxygen – O



Writing Chemical Formulae and Equations

Pre-balancing Practice

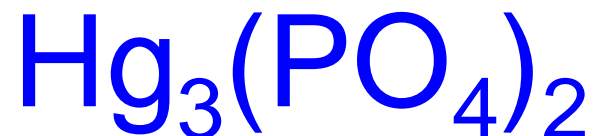
6. How many atoms of each kind are there in the following expression?



Writing Chemical Formulae and Equations

Pre-balancing Practice

6. How many atoms of each kind are there in the following expression?



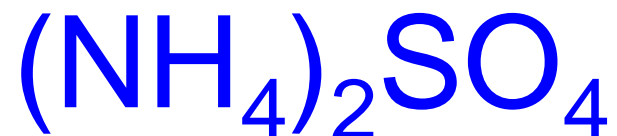
- There are 3 atoms of mercury – Hg
- There are 2 atoms of phosphorus – P
- There are $2 \times 4 = 8$ atoms of oxygen – O



Writing Chemical Formulae and Equations

Pre-balancing Practice

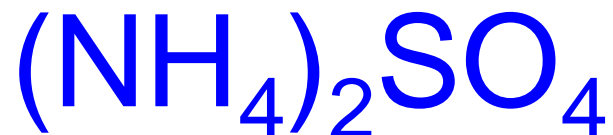
7. How many atoms of each kind are there in the following expression?



Writing Chemical Formulae and Equations

Pre-balancing Practice

7. How many atoms of each kind are there in the following expression?



- There are 2 atoms of nitrogen – N
- There are $2 \times 4 = 8$ atoms of hydrogen – H
 - There is 1 atom of sulfur – S
- There are 4 atoms of oxygen – O



Writing Chemical Formulae and Equations

Pre-balancing Practice

8. How many atoms of each kind are there in the following expression?



Writing Chemical Formulae and Equations

Pre-balancing Practice

8. How many atoms of each kind are there in the following expression?



- There are $3 \times 2 = 6$ atoms of nitrogen – N



Writing Chemical Formulae and Equations

Pre-balancing Practice

9. How many atoms of each kind are there in the following expression?



Writing Chemical Formulae and Equations

Pre-balancing Practice

9. How many atoms of each kind are there in the following expression?



- There are $4 \times 2 = 8$ atoms of sodium – Na
 - There are 4 atoms of oxygen – O



Writing Chemical Formulae and Equations

Pre-balancing Practice

10. How many atoms of each kind are there in the following expression?



Writing Chemical Formulae and Equations

Pre-balancing Practice

10. How many atoms of each kind are there in the following expression?



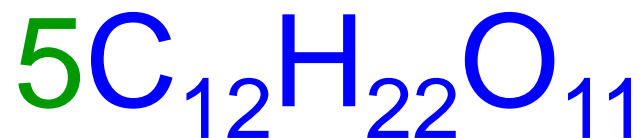
- There are $6 \times 2 = 12$ atoms of hydrogen – H
 - There are 6 atoms of sulfur – S
- There are $6 \times 4 = 24$ atoms of oxygen – O



Writing Chemical Formulae and Equations

Pre-balancing Practice

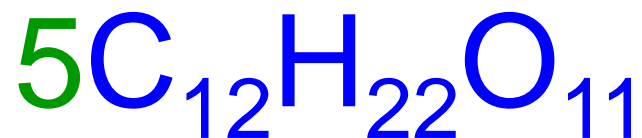
11. How many atoms of each kind are there in the following expression?



Writing Chemical Formulae and Equations

Pre-balancing Practice

11. How many atoms of each kind are there in the following expression?



- There are $5 \times 12 = 60$ atoms of carbon – C
- There are $5 \times 22 = 110$ atoms of hydrogen – H
- There are $5 \times 11 = 55$ atoms of oxygen – O



Writing Chemical Formulae and Equations

Pre-balancing Practice

12. How many atoms of each kind are there in the following expression?



Writing Chemical Formulae and Equations

Pre-balancing Practice

12. How many atoms of each kind are there in the following expression?



- There are $2 \times 2 = 4$ atoms of aluminium – Al
 - There are $2 \times 3 = 6$ atoms of carbon – C
- There are $2 \times 3 \times 3 = 18$ atoms of oxygen – O



Writing Chemical Formulae and Equations

Pre-balancing Practice

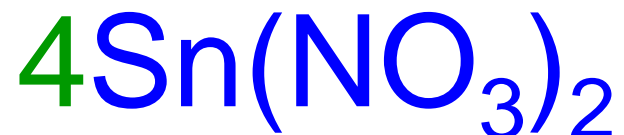
13. How many atoms of each kind are there in the following expression?



Writing Chemical Formulae and Equations

Pre-balancing Practice

13. How many atoms of each kind are there in the following expression?



- There are 4 atoms of tin – Sn
- There are $4 \times 2 = 8$ atoms of nitrogen – N
- There are $4 \times 2 \times 3 = 24$ atoms of oxygen – O



Writing Chemical Formulae and Equations

Pre-balancing Practice

14. How many atoms of each kind are there in the following expression?



Writing Chemical Formulae and Equations

Pre-balancing Practice

14. How many atoms of each kind are there in the following expression?



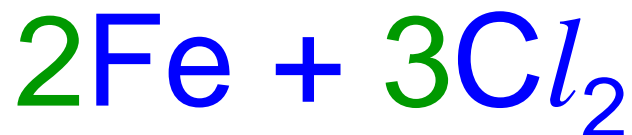
- There are $5 \times 2 = 10$ atoms of nitrogen – N
- There are $5 \times 2 \times 4 = 40$ atoms of hydrogen – H
- There are 5 atoms of sulfur – S



Writing Chemical Formulae and Equations

Pre-balancing Practice

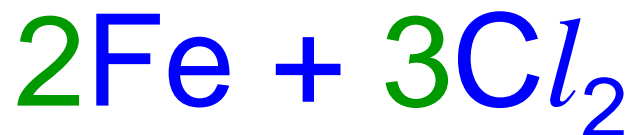
15. How many atoms of each kind are there in the following expression?



Writing Chemical Formulae and Equations

Pre-balancing Practice

15. How many atoms of each kind are there in the following expression?



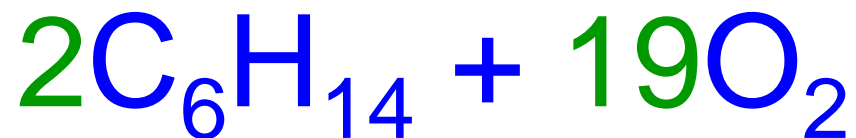
- There are 2 atoms of iron – Fe
- There are $3 \times 2 = 6$ atoms of chlorine – Cl



Writing Chemical Formulae and Equations

Pre-balancing Practice

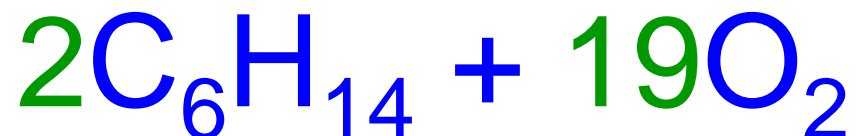
16. How many atoms of each kind are there in the following expression?



Writing Chemical Formulae and Equations

Pre-balancing Practice

16. How many atoms of each kind are there in the following expression?



- There are $2 \times 6 = 12$ atoms of carbon – C
- There are $2 \times 14 = 28$ atoms of hydrogen – H
- There are $19 \times 2 = 38$ atoms of oxygen – O



Writing Chemical Formulae and Equations

Pre-balancing Practice

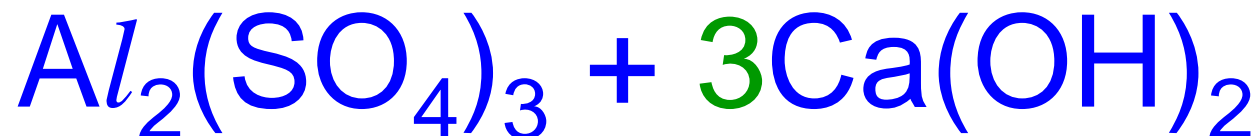
17. How many atoms of each kind are there in the following expression?



Writing Chemical Formulae and Equations

Pre-balancing Practice

17. How many atoms of each kind are there in the following expression?



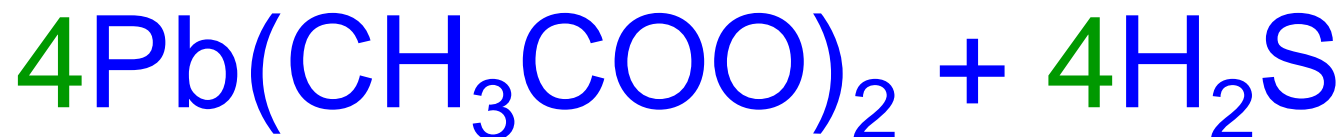
- There are 2 atoms of aluminium – Al
 - There are 3 atoms of sulfur – S
- There are $(4 \times 3) + (3 \times 2) = 18$ atoms of oxygen – O
 - There are 3 atoms of calcium – Ca
- There are $3 \times 2 = 6$ atoms of Hydrogen – H



Writing Chemical Formulae and Equations

Pre-balancing Practice

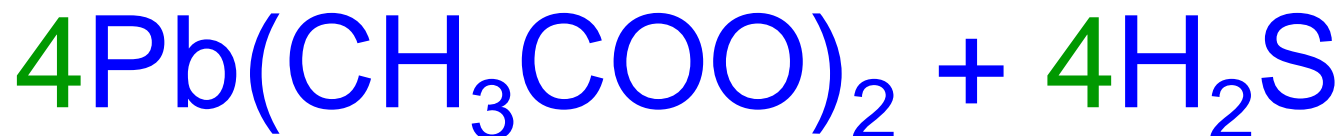
18. How many atoms of each kind are there in the following expression?



Writing Chemical Formulae and Equations

Pre-balancing Practice

18. How many atoms of each kind are there in the following expression?



- There are 4 atoms of lead – Pb
- There are $4 \times 2 \times 2 = 16$ atoms of carbon – C
- There are $(4 \times 3 \times 2) + (4 \times 2) = 32$ atoms of hydrogen – H
- There are $4 \times 2 \times 2 = 16$ atoms of oxygen – O
- There are 4 atoms of sulfur – S



Writing Chemical Formulae and Equations

Balancing Basic Equations with Three Terms or Less

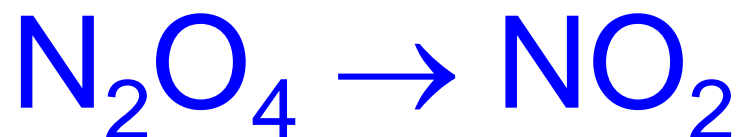


2. Balancing basic chemical equations with three terms or less.

Writing Chemical Formulae and Equations

Balancing Basic Equations with Three Terms or Less

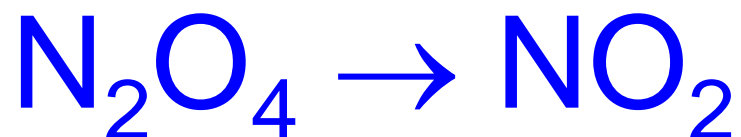
1. Balance the following reaction.



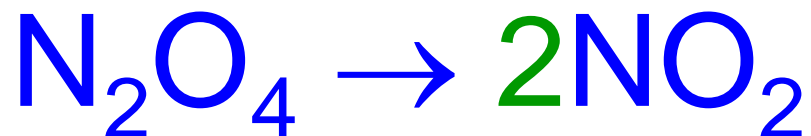
Writing Chemical Formulae and Equations

Balancing Basic Equations with Three Terms or Less

1. Balance the following reaction.



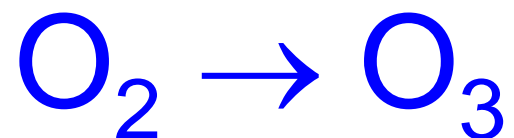
...becomes...



Writing Chemical Formulae and Equations

Balancing Basic Equations with Three Terms or Less

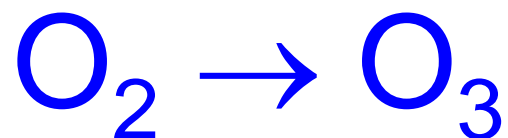
2. Balance the following reaction.



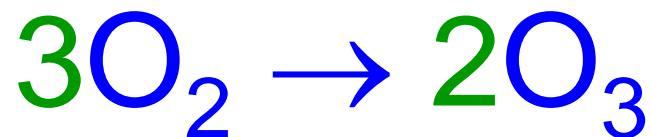
Writing Chemical Formulae and Equations

Balancing Basic Equations with Three Terms or Less

2. Balance the following reaction.



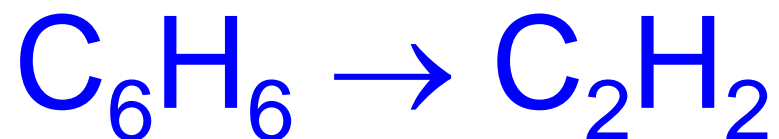
...becomes...



Writing Chemical Formulae and Equations

Balancing Basic Equations with Three Terms or Less

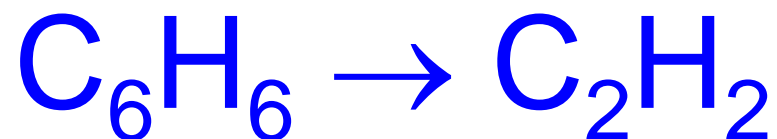
3. Balance the following reaction.



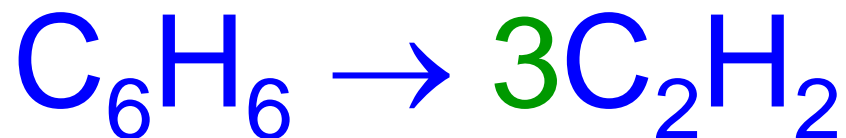
Writing Chemical Formulae and Equations

Balancing Basic Equations with Three Terms or Less

3. Balance the following reaction.



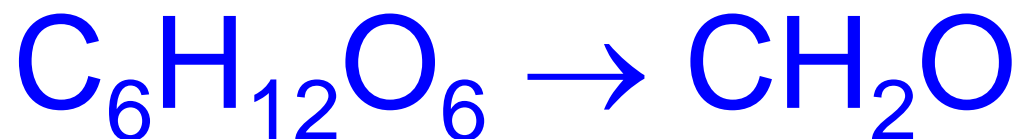
...becomes...



Writing Chemical Formulae and Equations

Balancing Basic Equations with Three Terms or Less

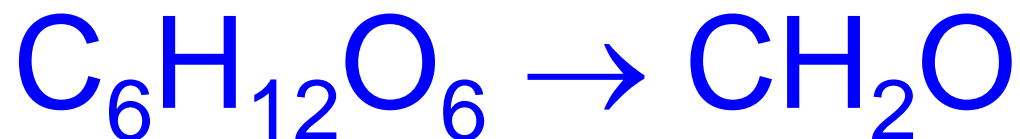
4. Balance the following reaction.



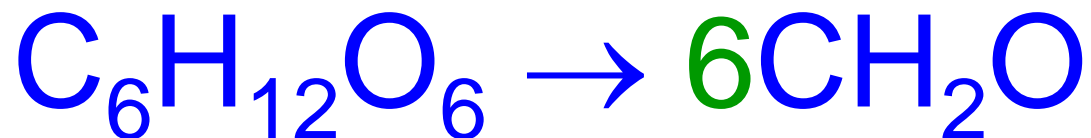
Writing Chemical Formulae and Equations

Balancing Basic Equations with Three Terms or Less

4. Balance the following reaction.



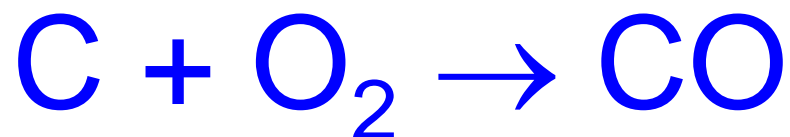
...becomes...



Writing Chemical Formulae and Equations

Balancing Basic Equations with Three Terms or Less

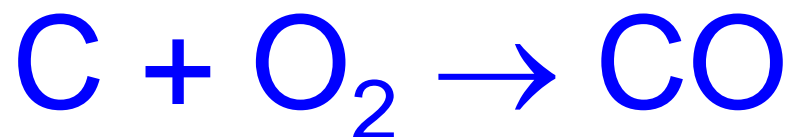
5. Balance the following reaction.



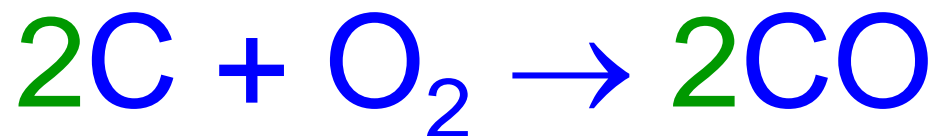
Writing Chemical Formulae and Equations

Balancing Basic Equations with Three Terms or Less

5. Balance the following reaction.



...becomes...



Writing Chemical Formulae and Equations

Balancing Basic Equations with Three Terms or Less

6. Balance the following reaction.



Writing Chemical Formulae and Equations

Balancing Basic Equations with Three Terms or Less

6. Balance the following reaction.



...becomes...



Writing Chemical Formulae and Equations

Balancing Basic Equations with Three Terms or Less

7. Balance the following reaction.



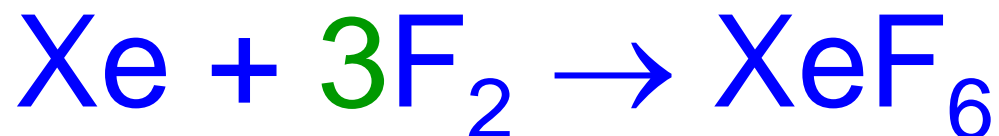
Writing Chemical Formulae and Equations

Balancing Basic Equations with Three Terms or Less

7. Balance the following reaction.



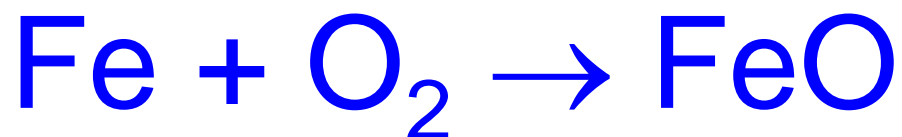
...becomes...



Writing Chemical Formulae and Equations

Balancing Basic Equations with Three Terms or Less

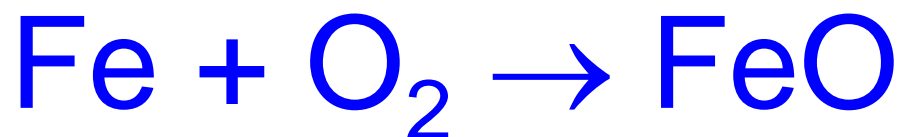
8. Balance the following reaction.



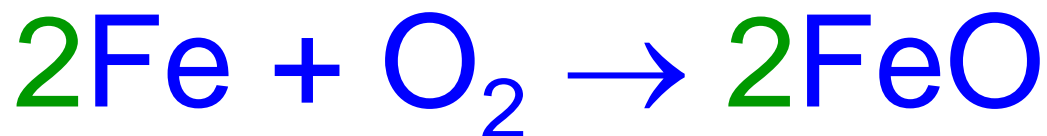
Writing Chemical Formulae and Equations

Balancing Basic Equations with Three Terms or Less

8. Balance the following reaction.



...becomes...



Writing Chemical Formulae and Equations

Balancing Basic Equations with Three Terms or Less

9. Balance the following reaction.



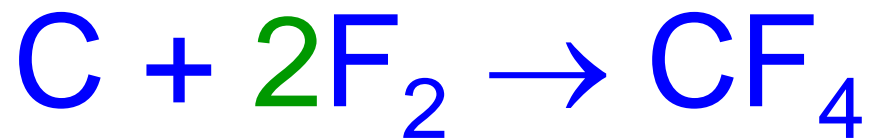
Writing Chemical Formulae and Equations

Balancing Basic Equations with Three Terms or Less

9. Balance the following reaction.



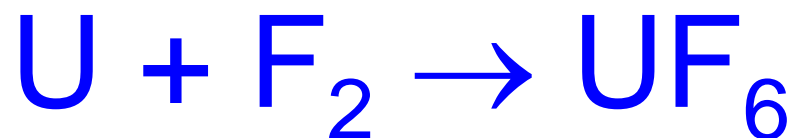
...becomes...



Writing Chemical Formulae and Equations

Balancing Basic Equations with Three Terms or Less

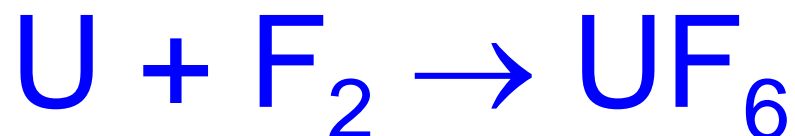
10. Balance the following reaction.



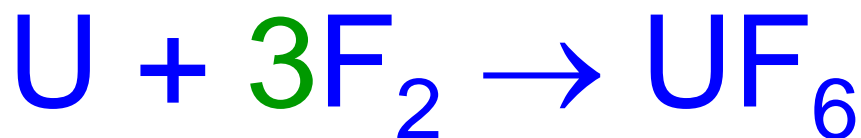
Writing Chemical Formulae and Equations

Balancing Basic Equations with Three Terms or Less

10. Balance the following reaction.



...becomes...



Writing Chemical Formulae and Equations

Balancing Basic Equations with Four Terms



3. Balancing basic chemical equations with four terms.



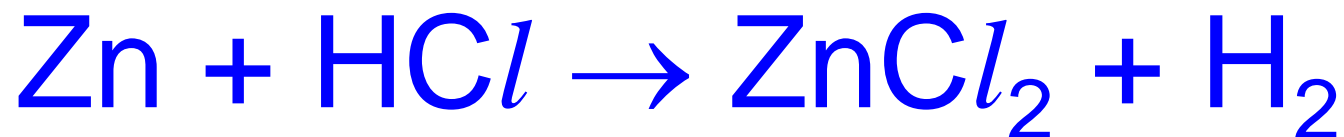
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Writing Chemical Formulae and Equations

Balancing Basic Equations with Four Terms

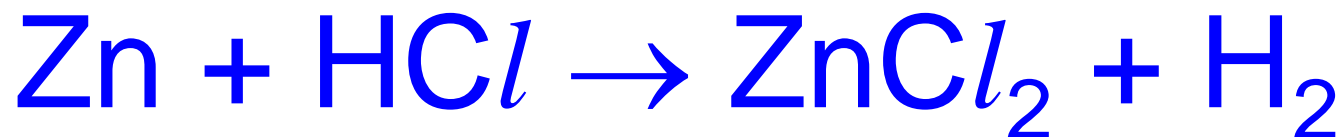
1. Balance the following reaction.



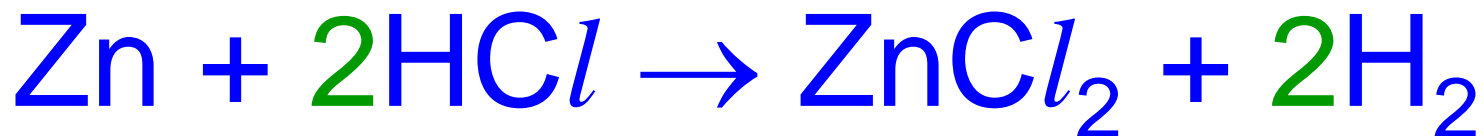
Writing Chemical Formulae and Equations

Balancing Basic Equations with Four Terms

1. Balance the following reaction.



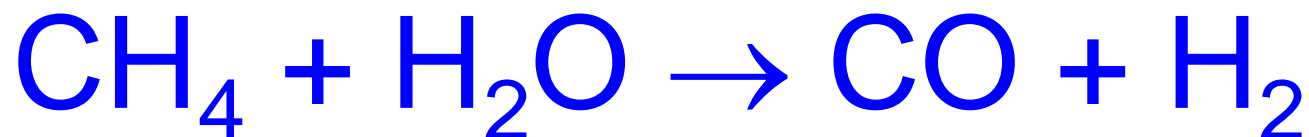
...becomes...



Writing Chemical Formulae and Equations

Balancing Basic Equations with Four Terms

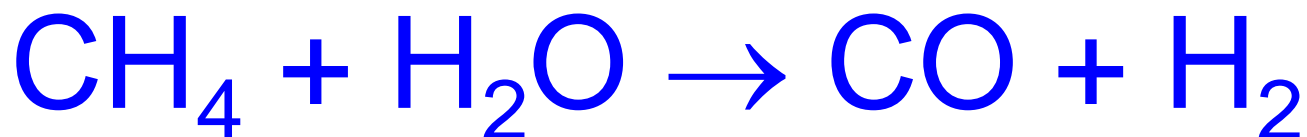
2. Balance the following reaction.



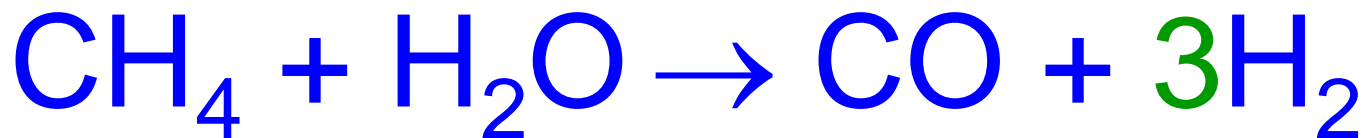
Writing Chemical Formulae and Equations

Balancing Basic Equations with Four Terms

2. Balance the following reaction.



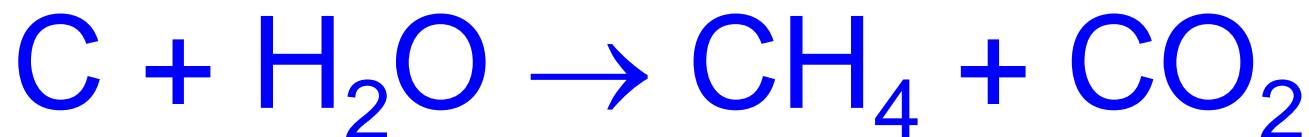
...becomes...



Writing Chemical Formulae and Equations

Balancing Basic Equations with Four Terms

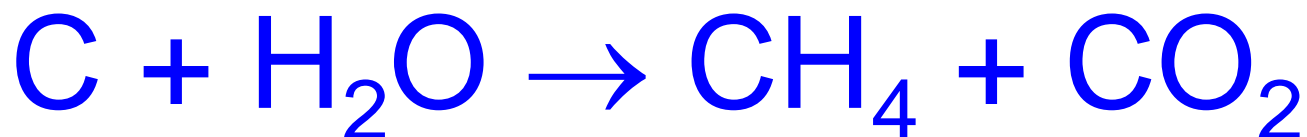
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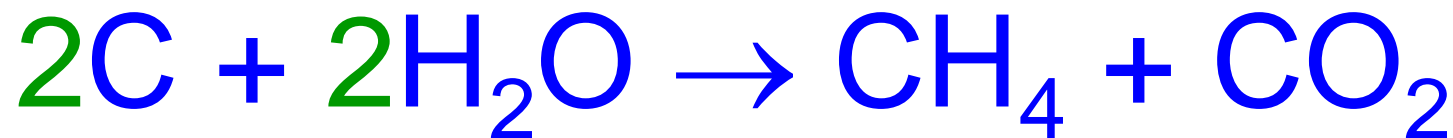
Writing Chemical Formulae and Equations

Balancing Basic Equations with Four Terms

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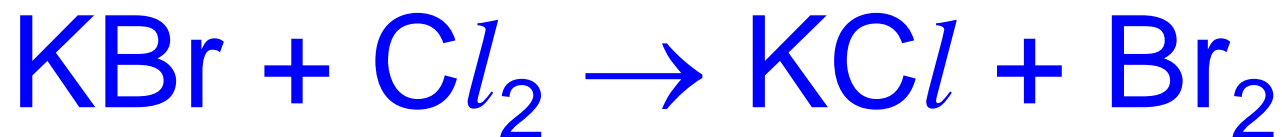
...becomes...



Writing Chemical Formulae and Equations

Balancing Basic Equations with Four Terms

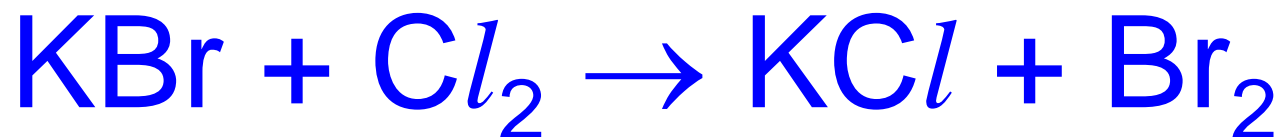
4. Balance the following reaction.



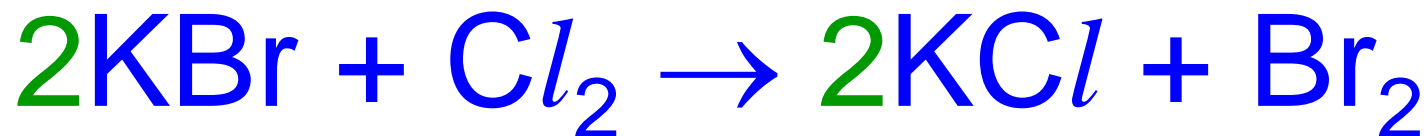
Writing Chemical Formulae and Equations

Balancing Basic Equations with Four Terms

4. Balance the following reaction.



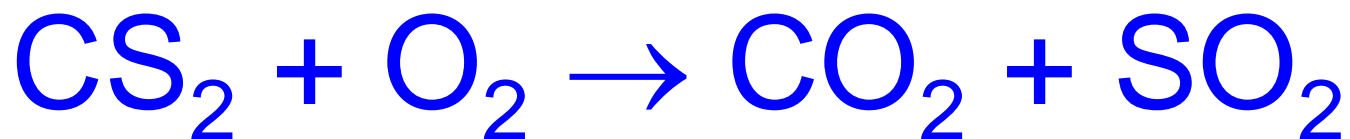
...becomes...



Writing Chemical Formulae and Equations

Balancing Basic Equations with Four Terms

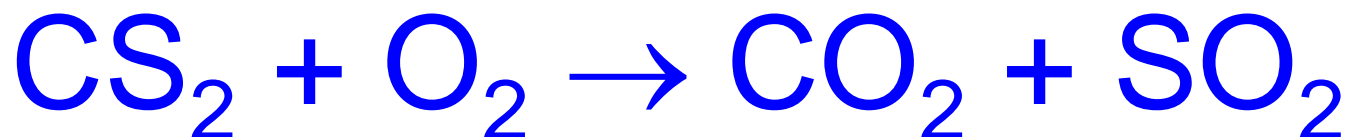
5. Balance the following reaction.



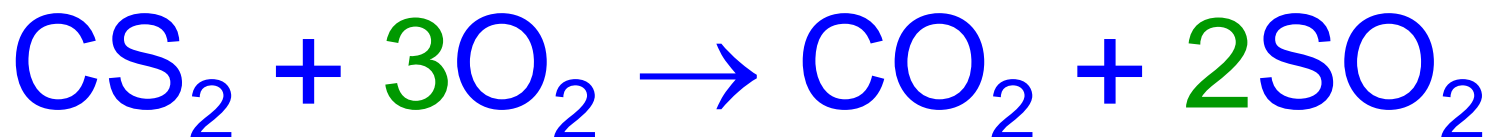
Writing Chemical Formulae and Equations

Balancing Basic Equations with Four Terms

5. Balance the following reaction.



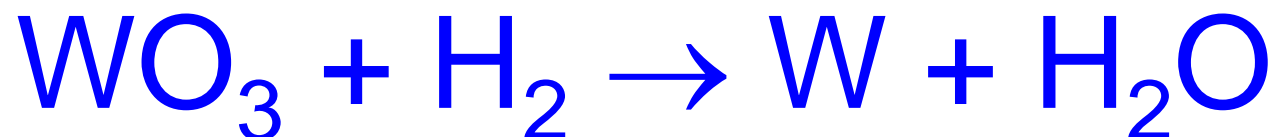
...becomes...



Writing Chemical Formulae and Equations

Balancing Basic Equations with Four Terms

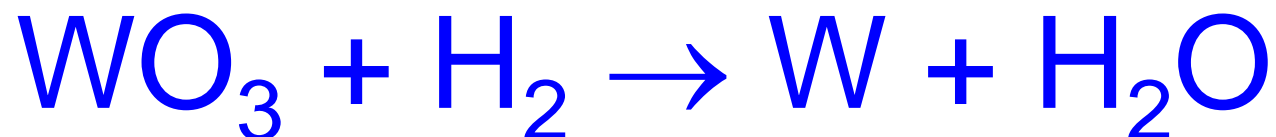
6. Balance the following reaction.



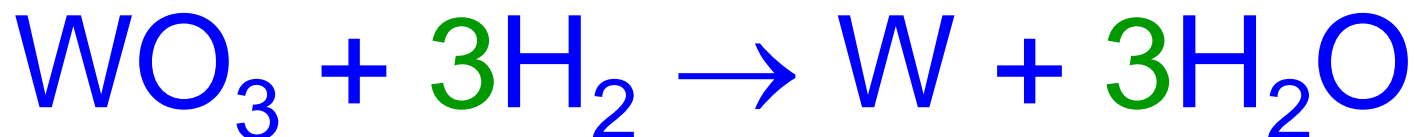
Writing Chemical Formulae and Equations

Balancing Basic Equations with Four Terms

6. Balance the following reaction.



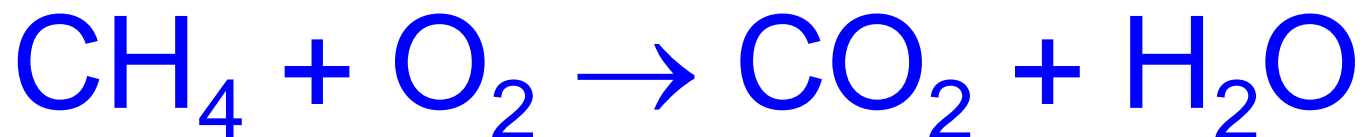
...becomes...



Writing Chemical Formulae and Equations

Balancing Basic Equations with Four Terms

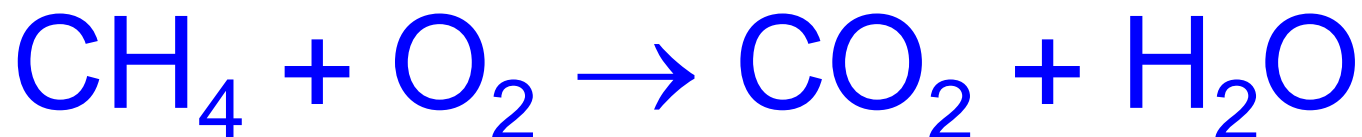
7. Balance the following reaction.



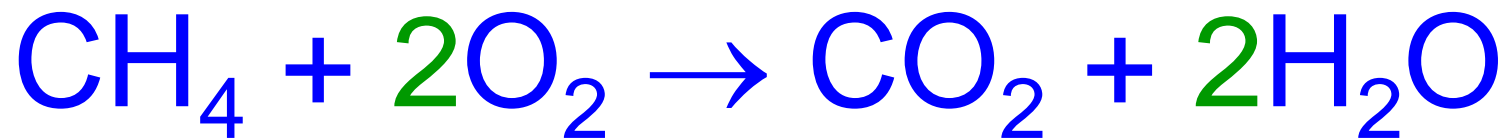
Writing Chemical Formulae and Equations

Balancing Basic Equations with Four Terms

7. Balance the following reaction.



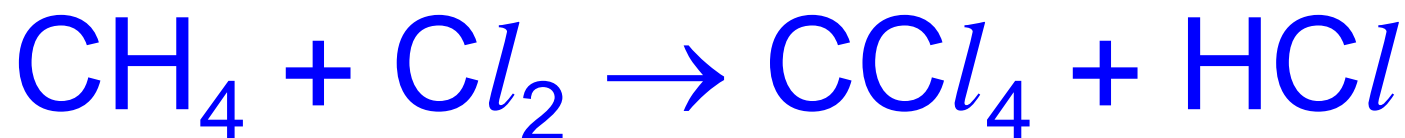
...becomes...



Writing Chemical Formulae and Equations

Balancing Basic Equations with Four Terms

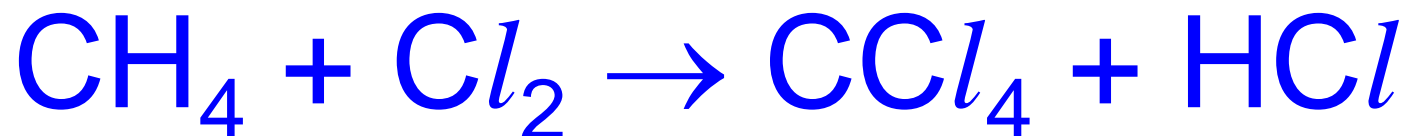
8. Balance the following reaction.



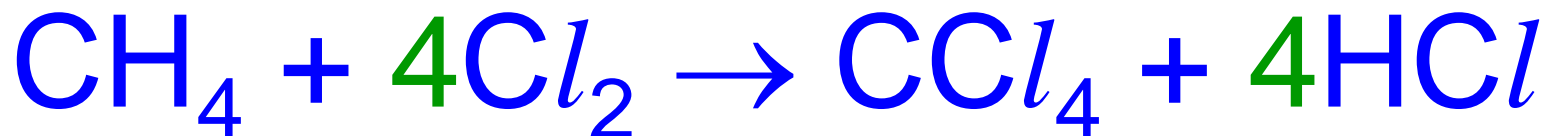
Writing Chemical Formulae and Equations

Balancing Basic Equations with Four Terms

8. Balance the following reaction.



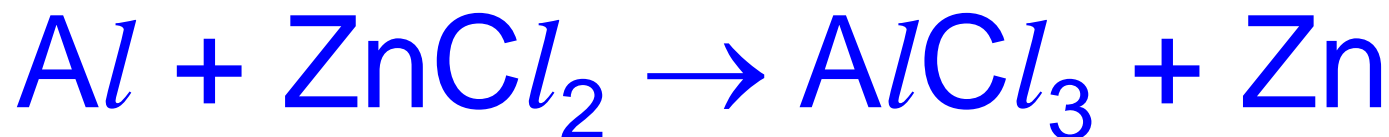
...becomes...



Writing Chemical Formulae and Equations

Balancing Basic Equations with Four Terms

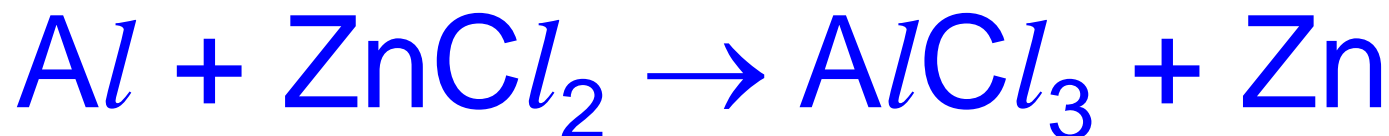
9. Balance the following reaction.



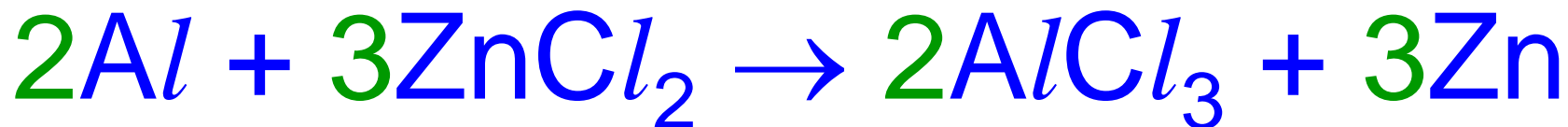
Writing Chemical Formulae and Equations

Balancing Basic Equations with Four Terms

9. Balance the following reaction.



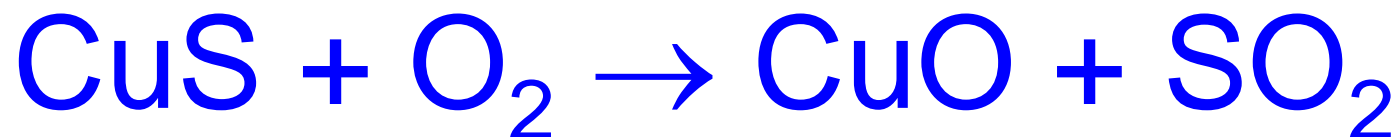
...becomes...



Writing Chemical Formulae and Equations

Balancing Basic Equations with Four Terms

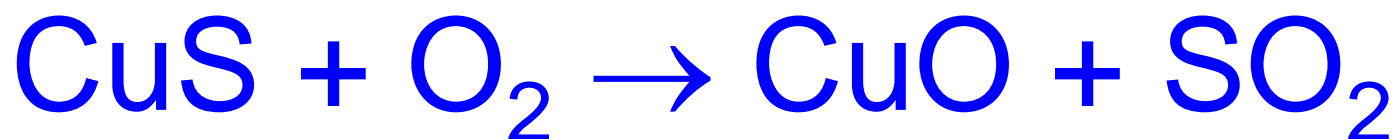
10. Balance the following reaction.



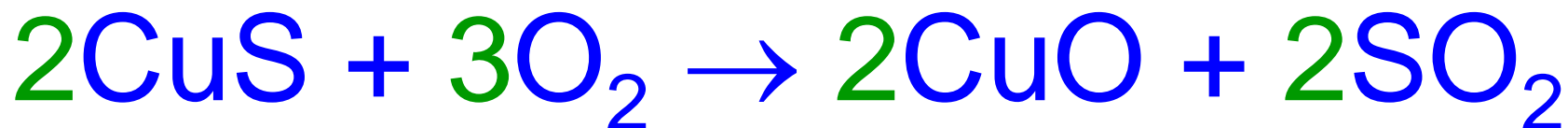
Writing Chemical Formulae and Equations

Balancing Basic Equations with Four Terms

10. Balance the following reaction.



...becomes...



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Three Terms



4. Balancing
intermediate
chemical equations
with three terms.

Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Three Terms

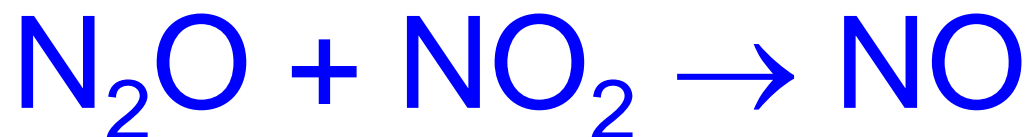
1. Balance the following reaction.



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Three Terms

1. Balance the following reaction.



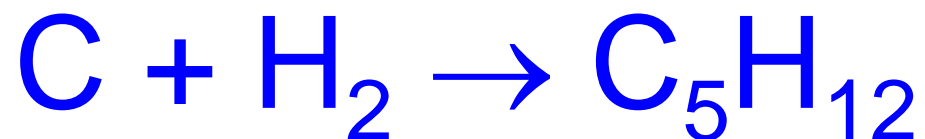
...becomes...



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Three Terms

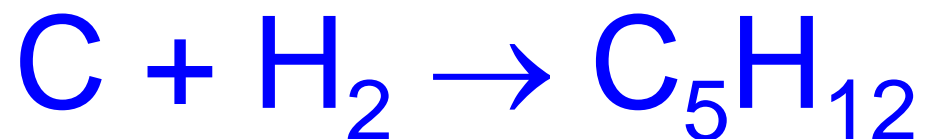
2. Balance the following reaction.



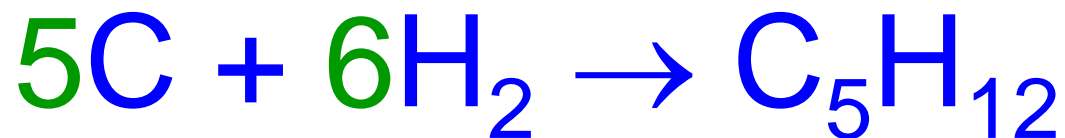
Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Three Terms

2. Balance the following reaction.



...becomes...



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Three Terms

3. Balance the following reaction.



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Three Terms

3. Balance the following reaction.



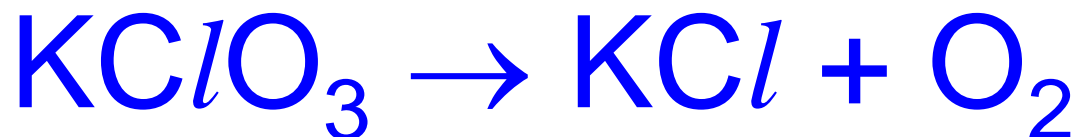
...becomes...



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Three Terms

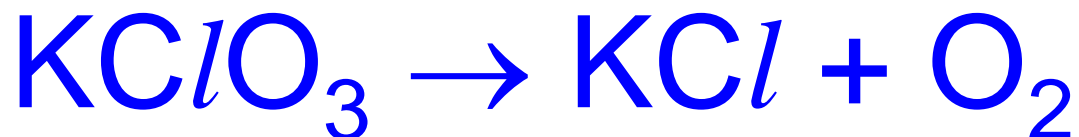
4. Balance the following reaction.



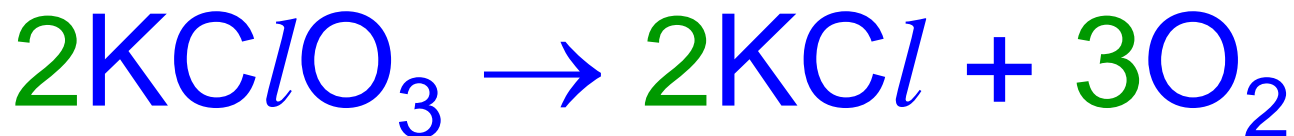
Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Three Terms

4. Balance the following reaction.



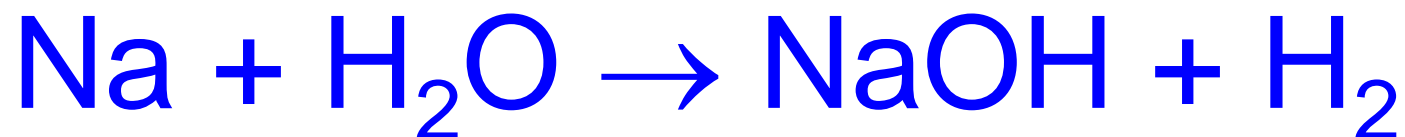
...becomes...



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Three Terms

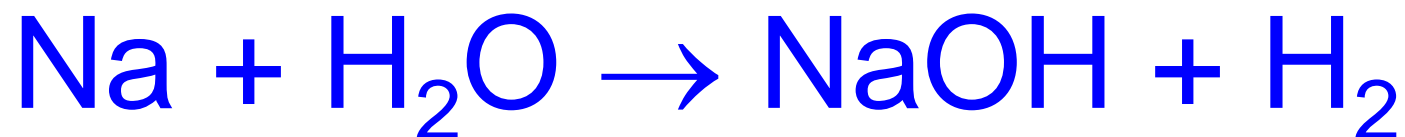
5. Balance the following reaction.



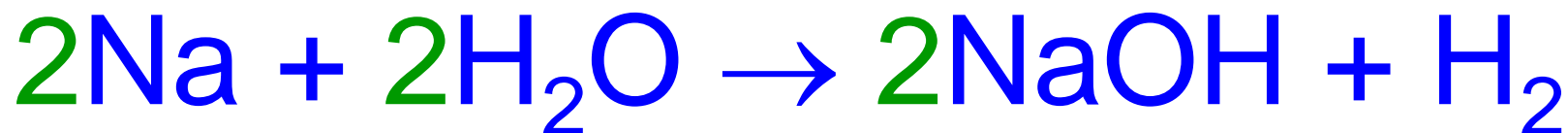
Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Three Terms

5. Balance the following reaction.



...becomes...



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Three Terms

6. Balance the following reaction.



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Three Terms

6. Balance the following reaction.



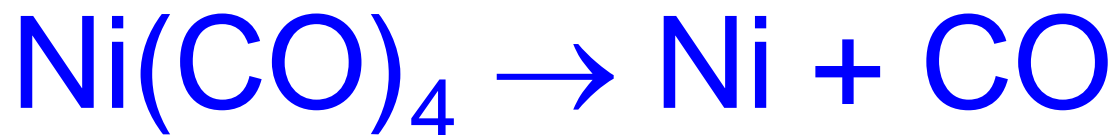
...becomes...



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Three Terms

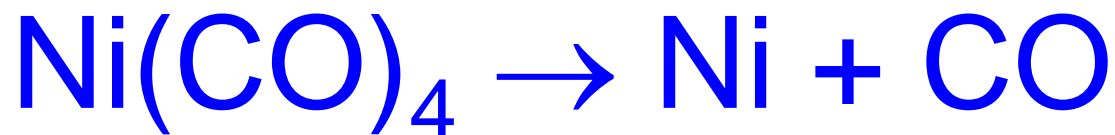
7. Balance the following reaction.



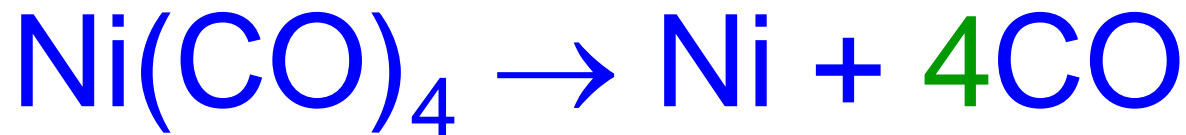
Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Three Terms

7. Balance the following reaction.



...becomes...



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Three Terms

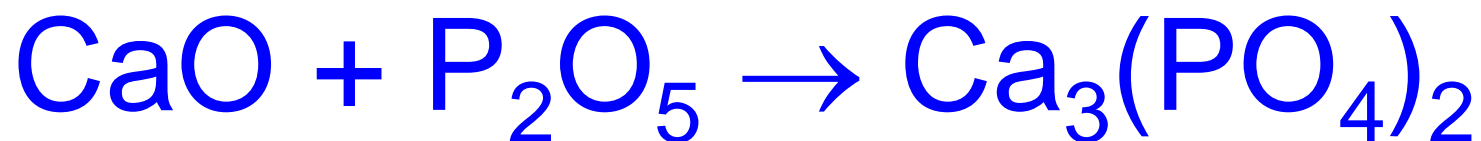
8. Balance the following reaction.



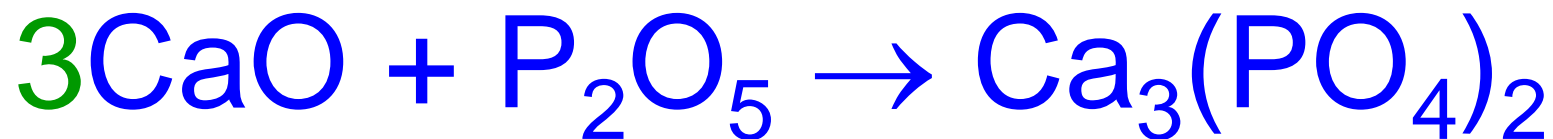
Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Three Terms

8. Balance the following reaction.



...becomes...



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Three Terms

9. Balance the following reaction.



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Three Terms

9. Balance the following reaction.



...becomes...



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Three Terms

10. Balance the following reaction.



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Three Terms

10. Balance the following reaction.



...becomes...



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Four Terms

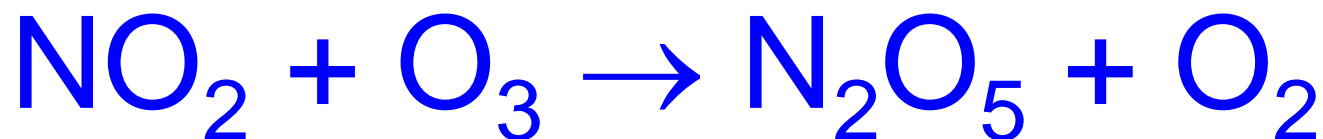


5. Balancing
intermediate
chemical equations
with four terms.

Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Four Terms

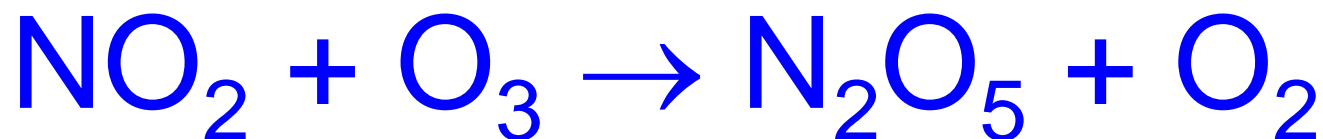
1. Balance the following reaction.



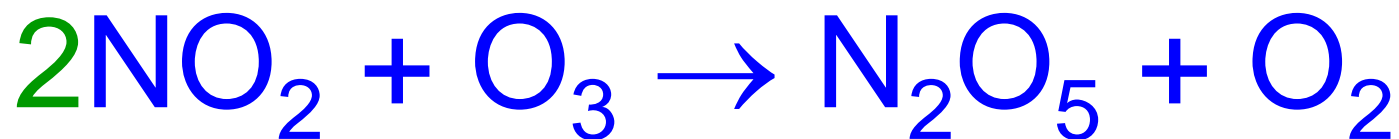
Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Four Terms

1. Balance the following reaction.



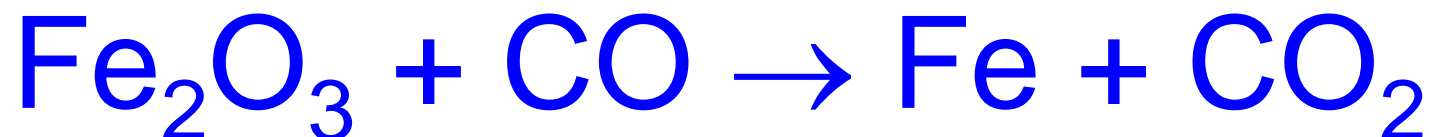
...becomes...



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Four Terms

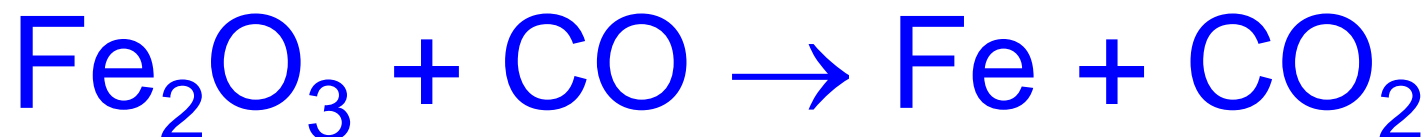
2. Balance the following reaction.



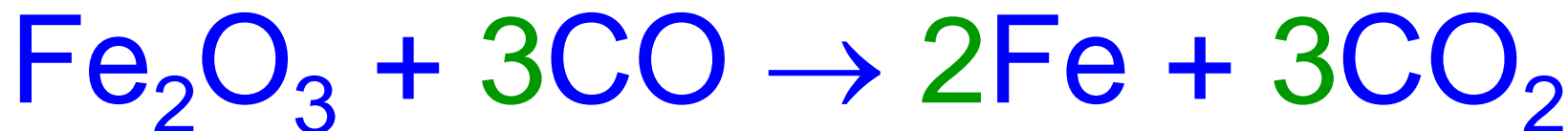
Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Four Terms

2. Balance the following reaction.



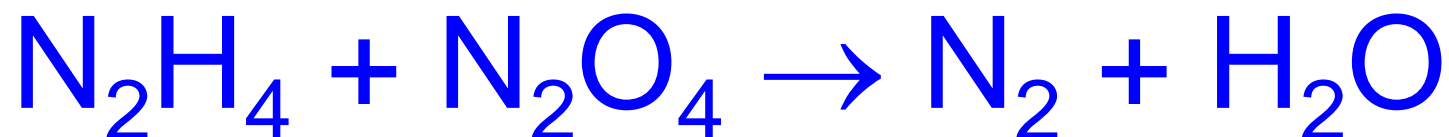
...becomes...



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Four Terms

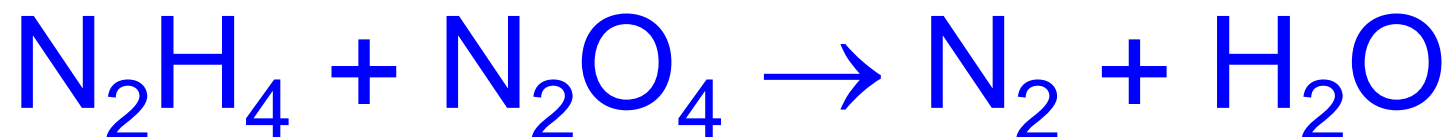
3. Balance the following reaction.



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Four Terms

3. Balance the following reaction.



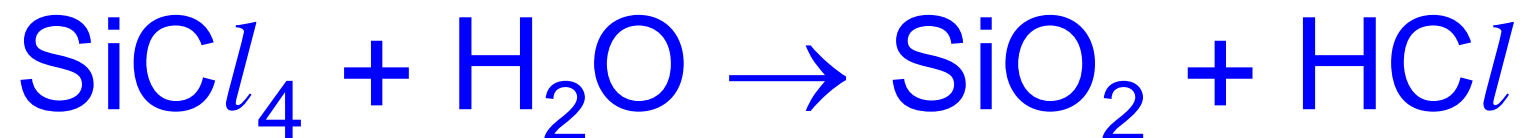
...becomes...



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Four Terms

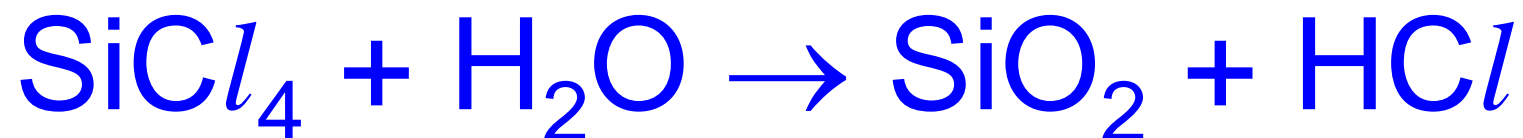
4. Balance the following reaction.



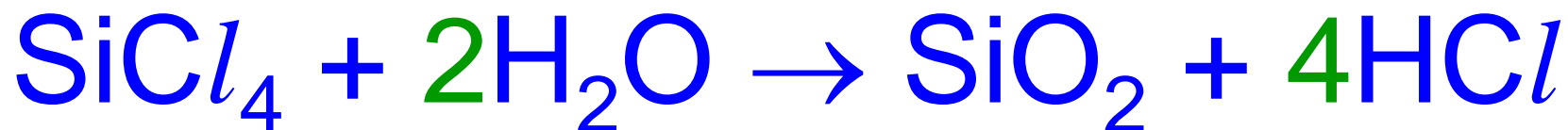
Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Four Terms

4. Balance the following reaction.



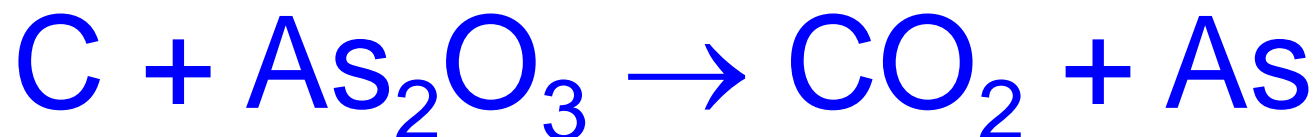
...becomes...



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Four Terms

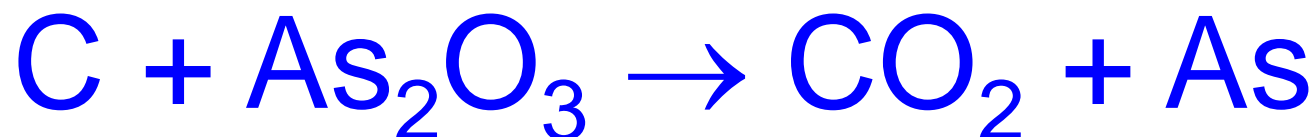
5. Balance the following reaction.



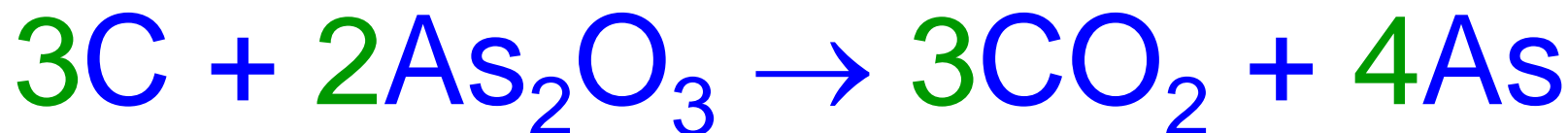
Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Four Terms

5. Balance the following reaction.



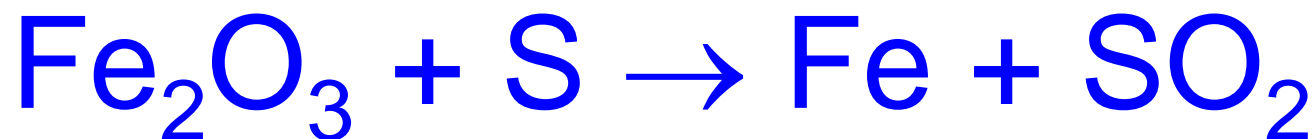
...becomes...



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Four Terms

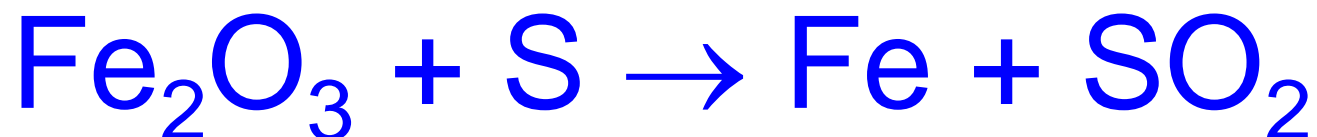
6. Balance the following reaction.



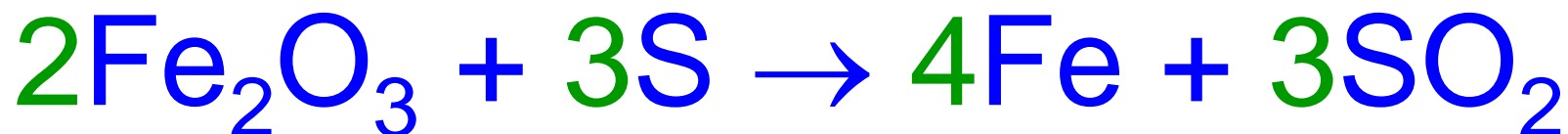
Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Four Terms

6. Balance the following reaction.



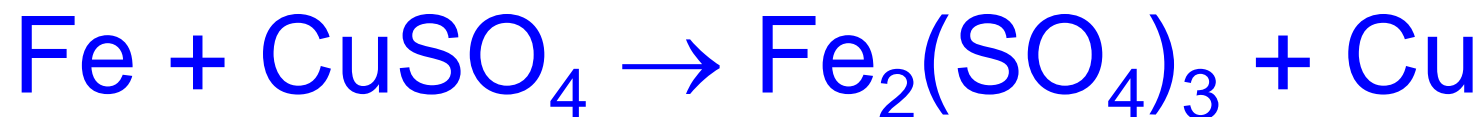
...becomes...



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Four Terms

7. Balance the following reaction.



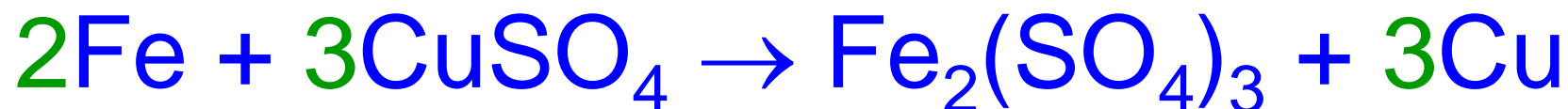
Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Four Terms

7. Balance the following reaction.



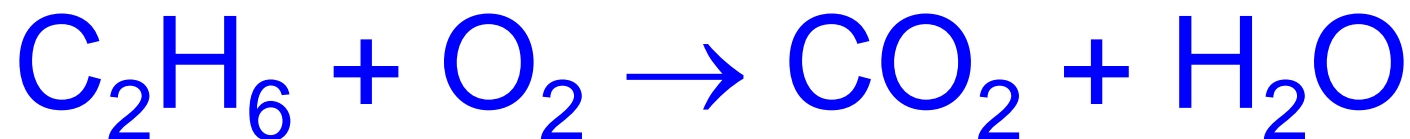
...becomes...



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Four Terms

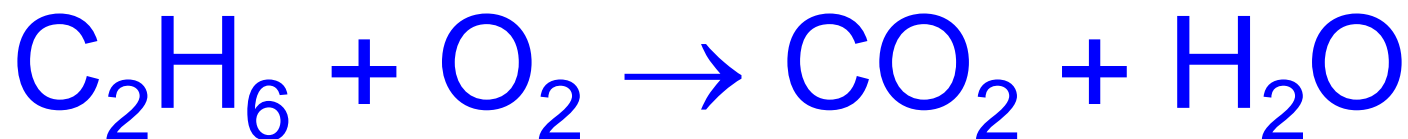
8. Balance the following reaction.



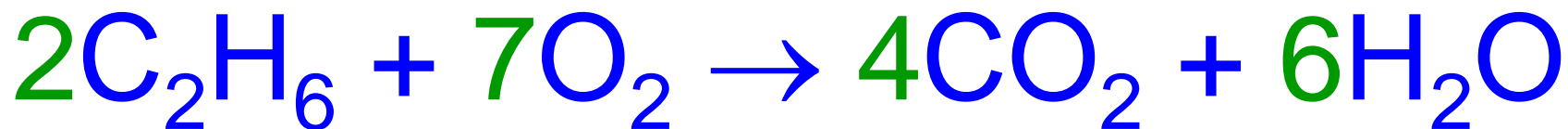
Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Four Terms

8. Balance the following reaction.



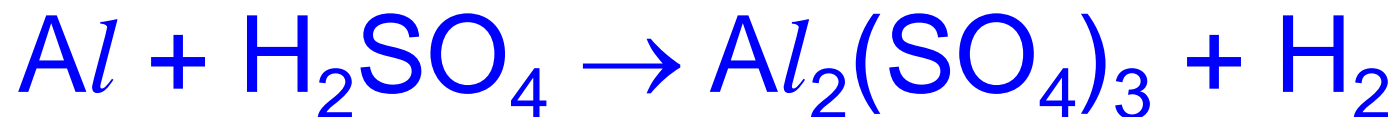
...becomes...



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Four Terms

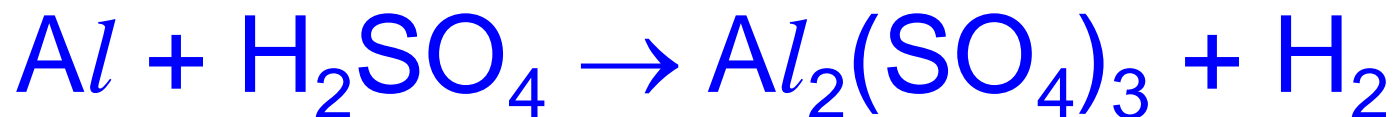
9. Balance the following reaction.



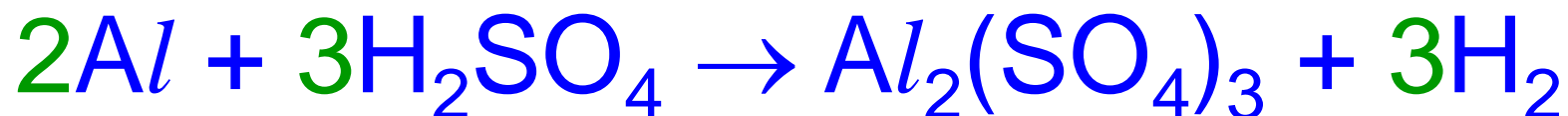
Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Four Terms

9. Balance the following reaction.



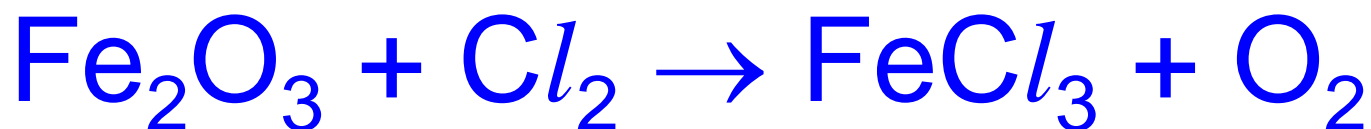
...becomes...



Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Four Terms

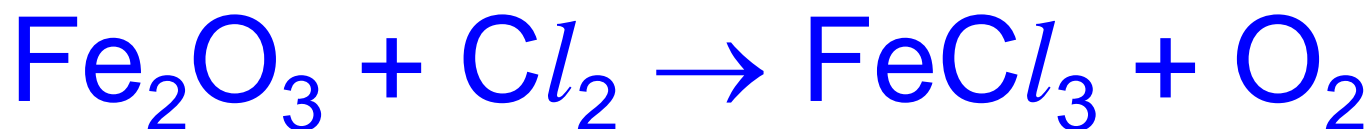
10. Balance the following reaction.



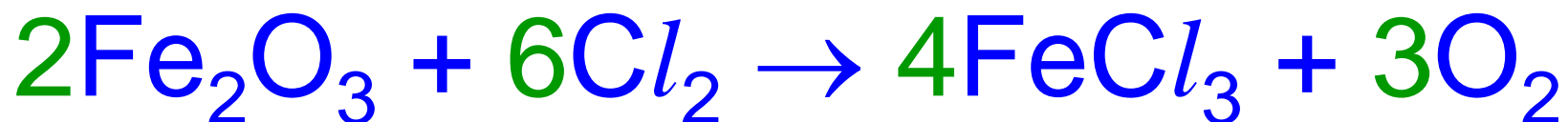
Writing Chemical Formulae and Equations

Balancing Intermediate Equations with Four Terms

10. Balance the following reaction.



...becomes...



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Four Terms

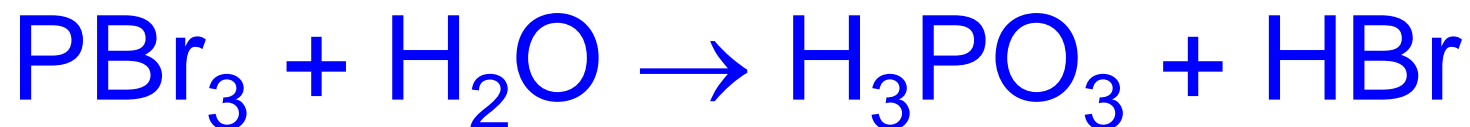


6. Balancing
advanced chemical
equations with four
terms.

Writing Chemical Formulae and Equations

Balancing Advanced Equations with Four Terms

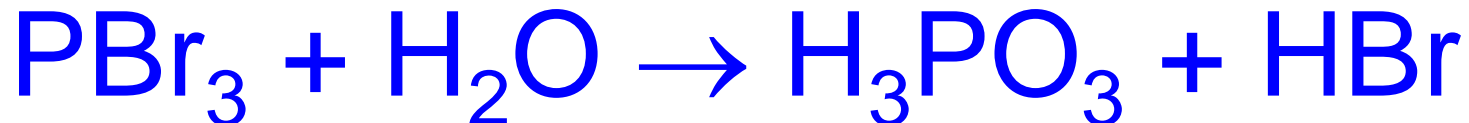
1. Balance the following reaction.



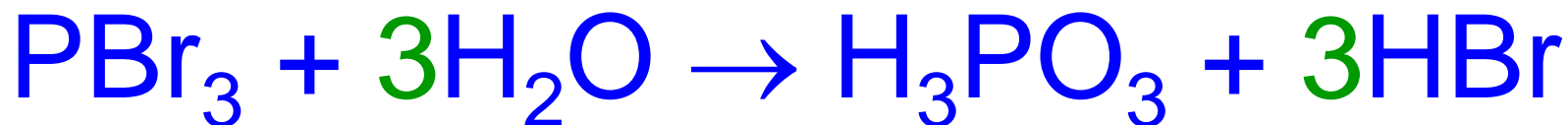
Writing Chemical Formulae and Equations

Balancing Advanced Equations with Four Terms

1. Balance the following reaction.



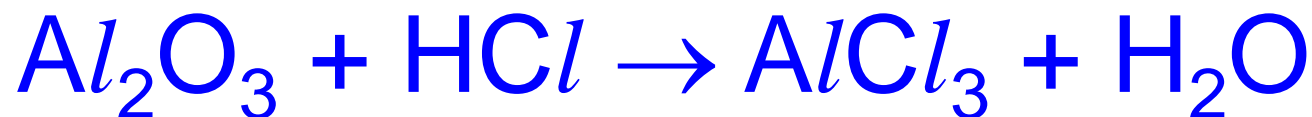
...becomes...



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Four Terms

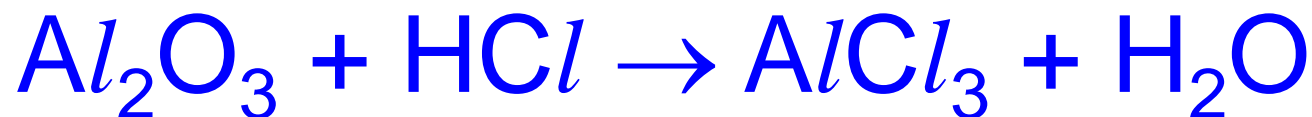
2. Balance the following reaction.



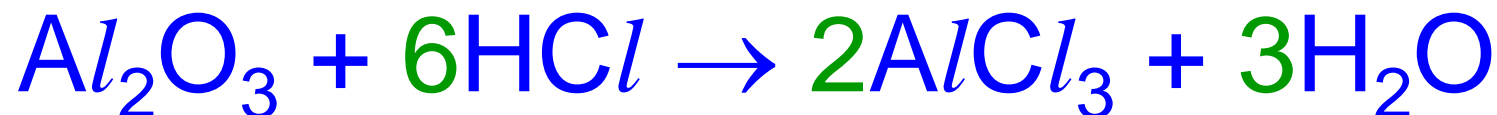
Writing Chemical Formulae and Equations

Balancing Advanced Equations with Four Terms

2. Balance the following reaction.



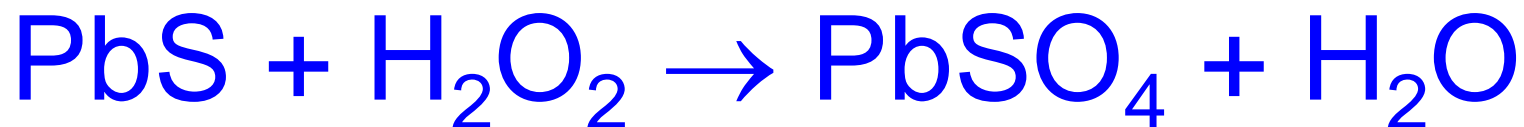
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Writing Chemical Formulae and Equations

Balancing Advanced Equations with Four Terms

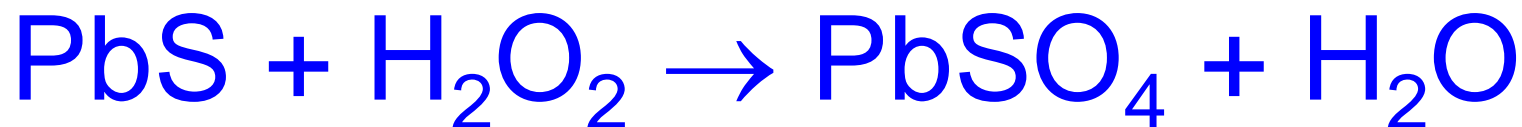
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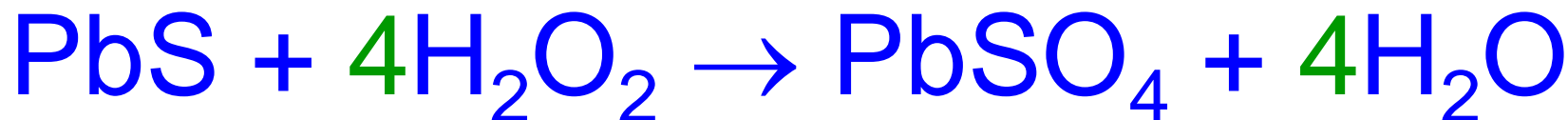
Writing Chemical Formulae and Equations

Balancing Advanced Equations with Four Terms

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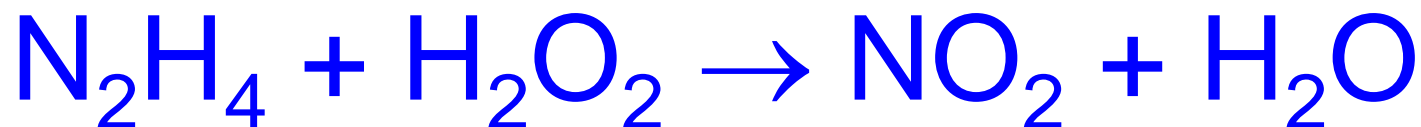
...becomes...



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Four Terms

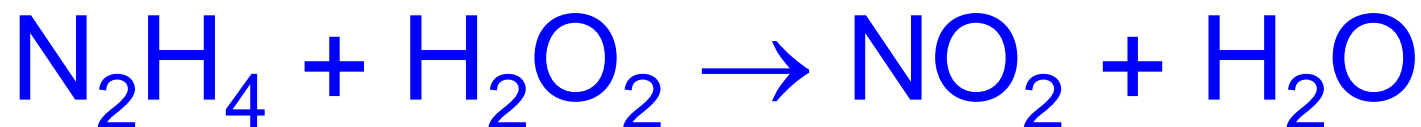
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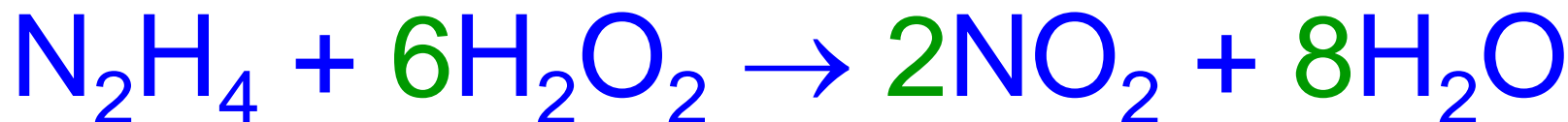
Writing Chemical Formulae and Equations

Balancing Advanced Equations with Four Terms

4. Balance the following reaction.



...becomes...



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Four Terms

5. Balance the following reaction.



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Four Terms

5. Balance the following reaction.



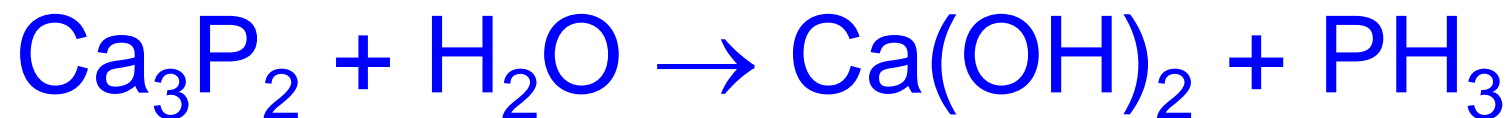
...becomes...



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Four Terms

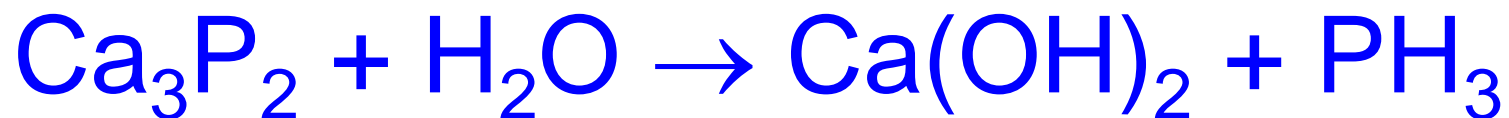
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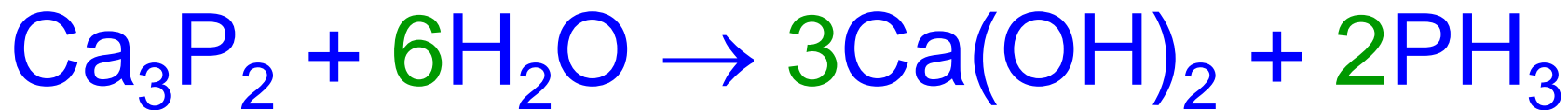
Writing Chemical Formulae and Equations

Balancing Advanced Equations with Four Terms

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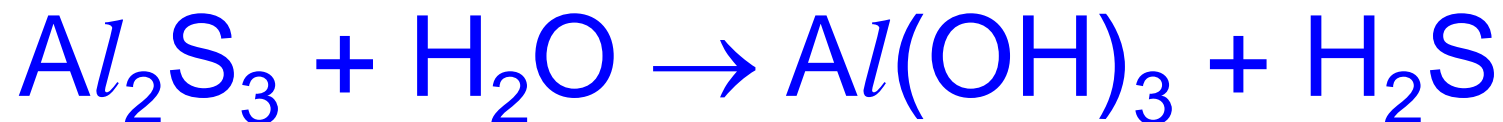
...becomes...



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Four Terms

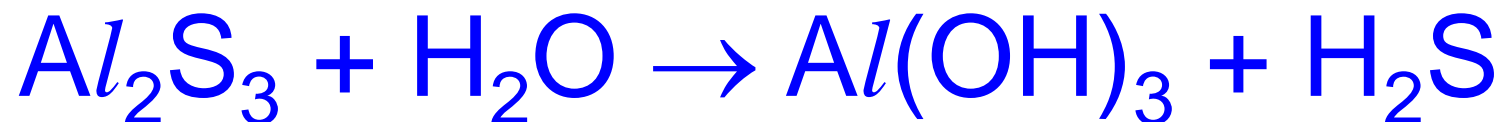
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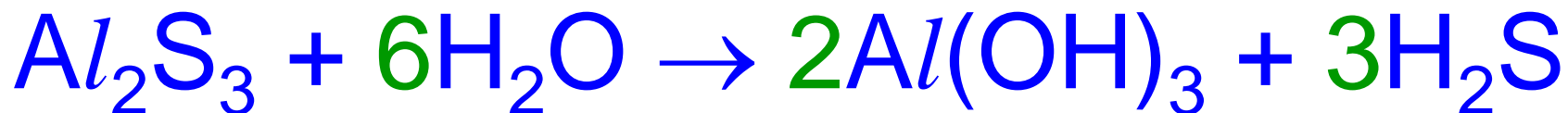
Writing Chemical Formulae and Equations

Balancing Advanced Equations with Four Terms

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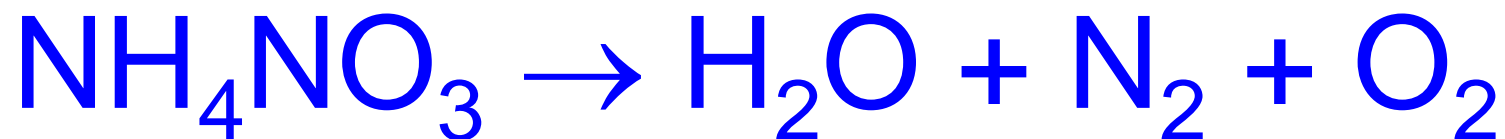
...becomes...



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Four Terms

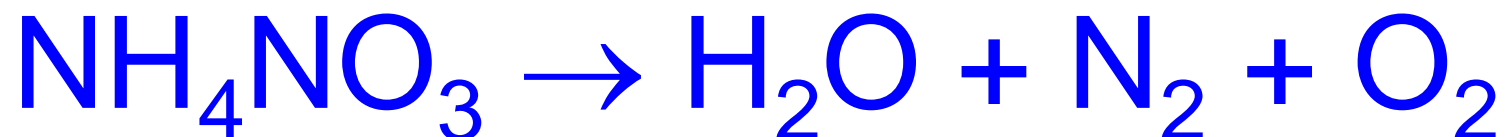
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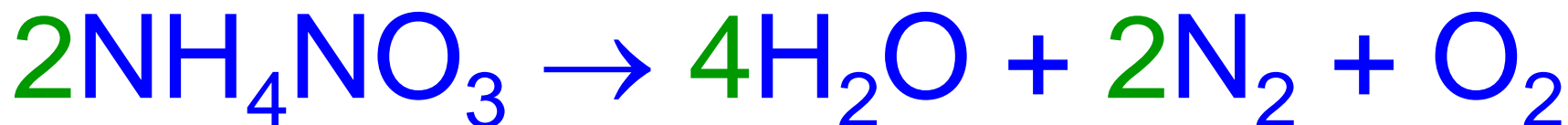
Writing Chemical Formulae and Equations

Balancing Advanced Equations with Four Terms

8. Balance the following reaction.



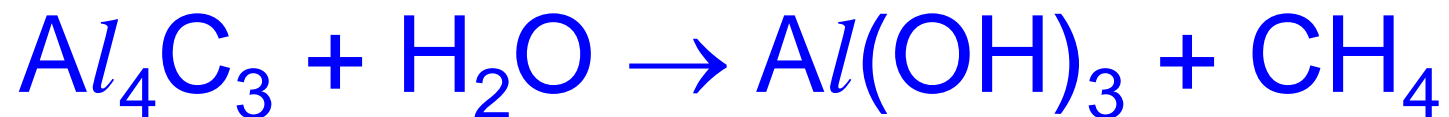
...becomes...



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Four Terms

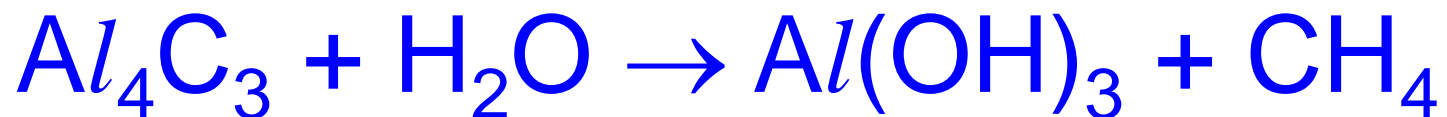
9. Balance the following reaction.



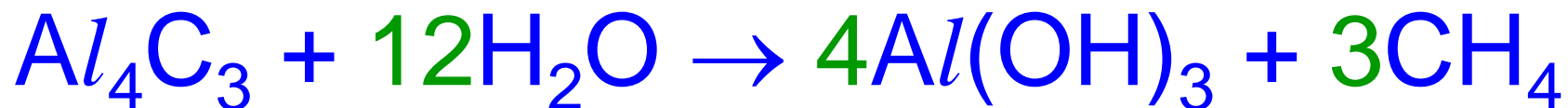
Writing Chemical Formulae and Equations

Balancing Advanced Equations with Four Terms

9. Balance the following reaction.



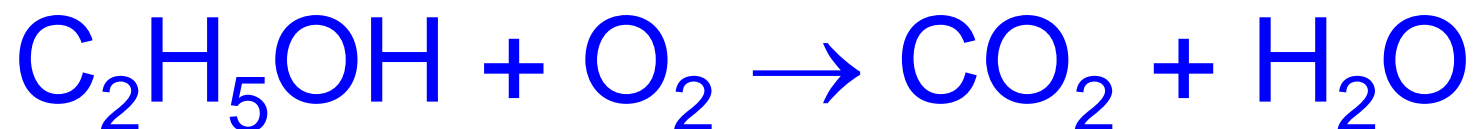
...becomes...



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Four Terms

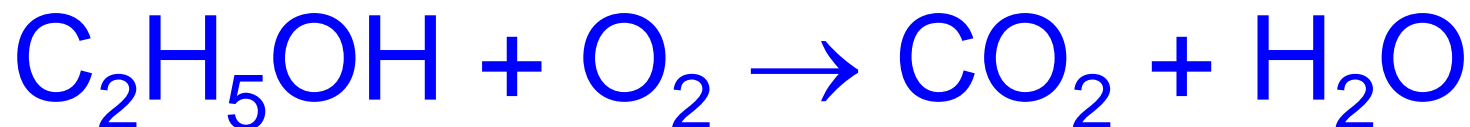
10. Balance the following reaction.



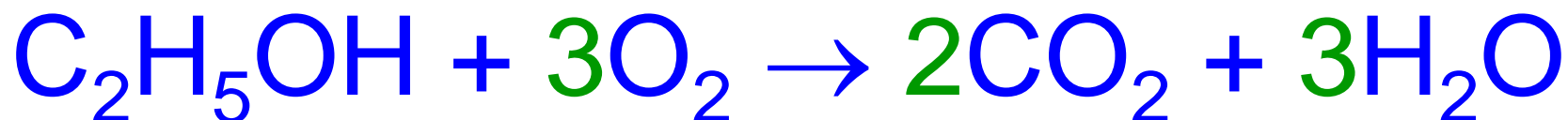
Writing Chemical Formulae and Equations

Balancing Advanced Equations with Four Terms

10. Balance the following reaction.



...becomes...



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Five Terms



7. Balancing
advanced chemical
equations with five
terms.



Return to Main Menu



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Five Terms

1. Balance the following reaction.



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Five Terms

1. Balance the following reaction.



...becomes...



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Five Terms

2. Balance the following reaction.



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Five Terms

2. Balance the following reaction.



...becomes...



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Five Terms

3. Balance the following reaction.



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Five Terms

3. Balance the following reaction.



...becomes...



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Five Terms

4. Balance the following reaction.



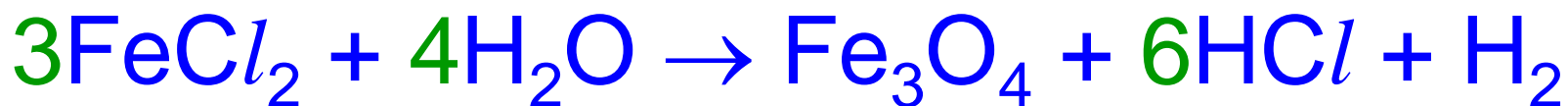
Writing Chemical Formulae and Equations

Balancing Advanced Equations with Five Terms

4. Balance the following reaction.



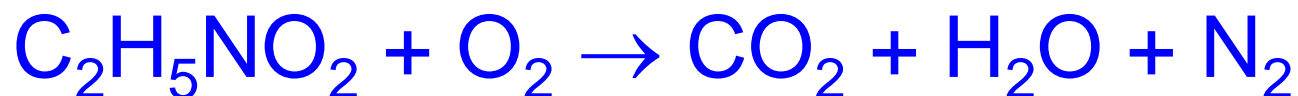
...becomes...



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Five Terms

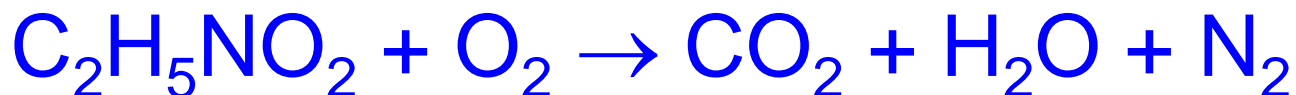
5. Balance the following reaction.



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Five Terms

5. Balance the following reaction.



...becomes...



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Six Terms or More



8. Balancing
advanced chemical
equations with six
terms or more.

Writing Chemical Formulae and Equations

Balancing Advanced Equations with Six Terms or More

1. Balance the following reaction.



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Six Terms or More

1. Balance the following reaction.



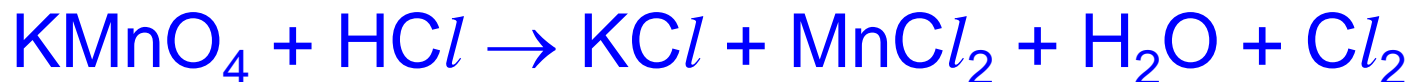
...becomes...



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Six Terms or More

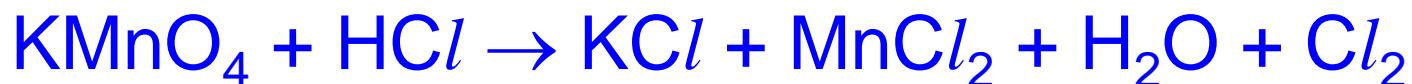
2. Balance the following reaction.



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Six Terms or More

2. Balance the following reaction.



...becomes...



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Six Terms or More

3. Balance the following reaction.



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Six Terms or More

3. Balance the following reaction.



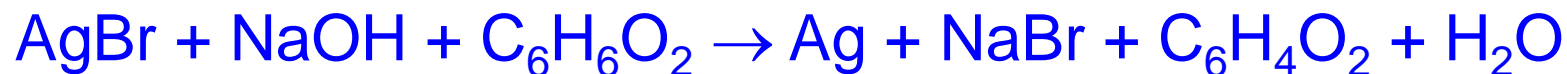
...becomes...



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Six Terms or More

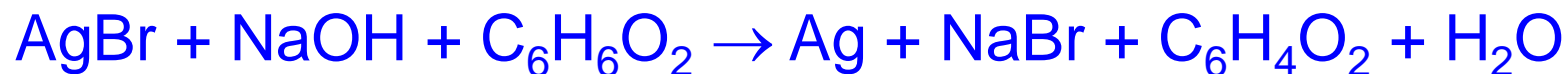
4. Balance the following reaction.



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Six Terms or More

4. Balance the following reaction.



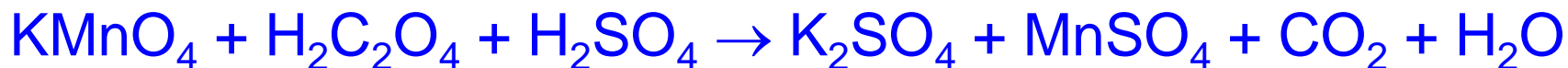
...becomes...



Writing Chemical Formulae and Equations

Balancing Advanced Equations with Six Terms or More

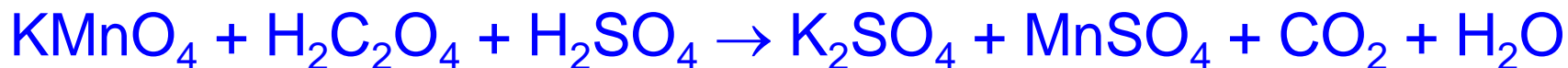
5. Balance the following reaction.



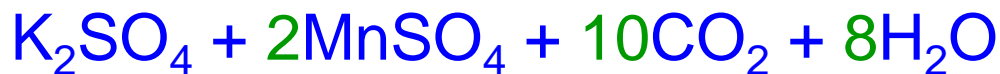
Writing Chemical Formulae and Equations

Balancing Advanced Equations with Six Terms or More

5. Balance the following reaction.



...becomes...



Writing Chemical Formulae and Equations

Presentation on Writing Chemical Formulae and Equations

by Dr. Chris Slatter

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12th August 2018

