

Noteset 3C (Part 2) - In Class Noteset

Writing Combination Reactions

Ion Charges

Rep. Metal

(1A, 2A, Al, Si)

1A: +1 2A: +2

Al: +3 Si: +4

Trans. Metals

(1B-8B + In, Tl, Sn, Pb)

Variable Charge

(changing)

given charge

Non-Metals

(4A-8A)

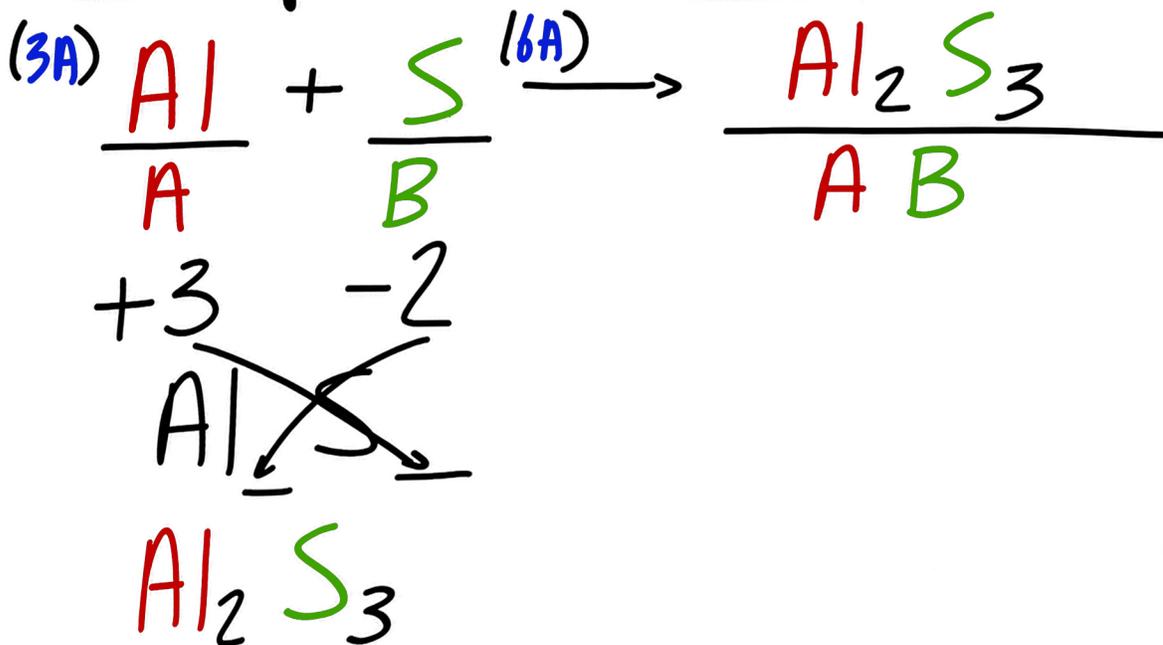
4A: -4 5A: -3

6A: -2 7A: -1

Polyatomic Ions

Charge Given

Writing Combination Reactions



1A: +1

2A: +2

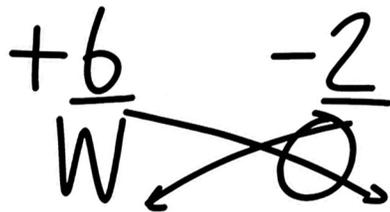
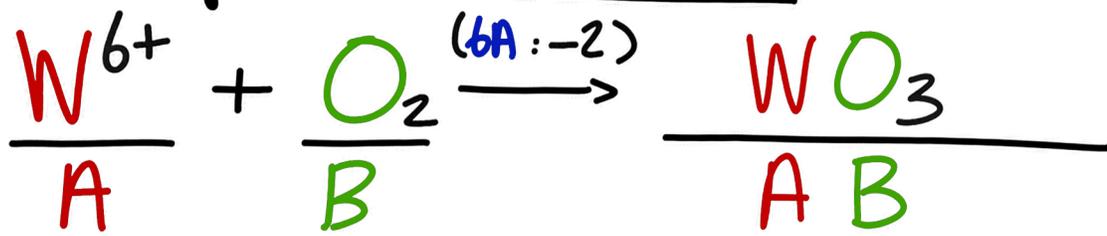
3A: +3

5A: -3

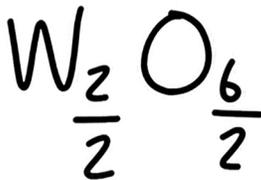
6A: -2

7A: -1

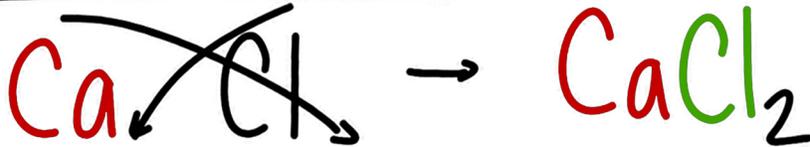
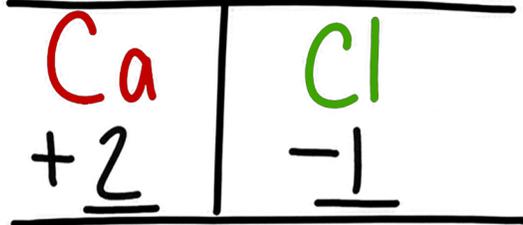
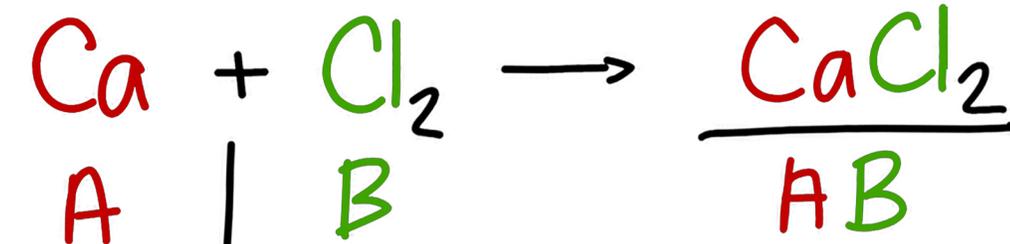
Writing Combination Reactions



Reduce

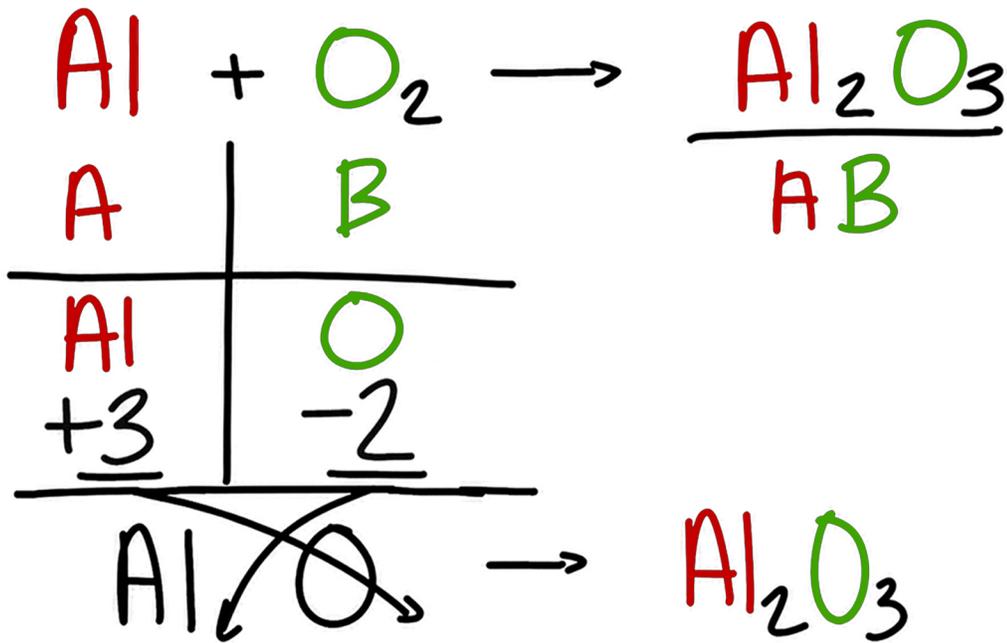


| | |
|--------|--|
| 1A: +1 | |
| 2A: +2 | |
| 3A: +3 | |
| <hr/> | |
| 5A: -3 | |
| 6A: -2 | |
| 7A: -1 | |

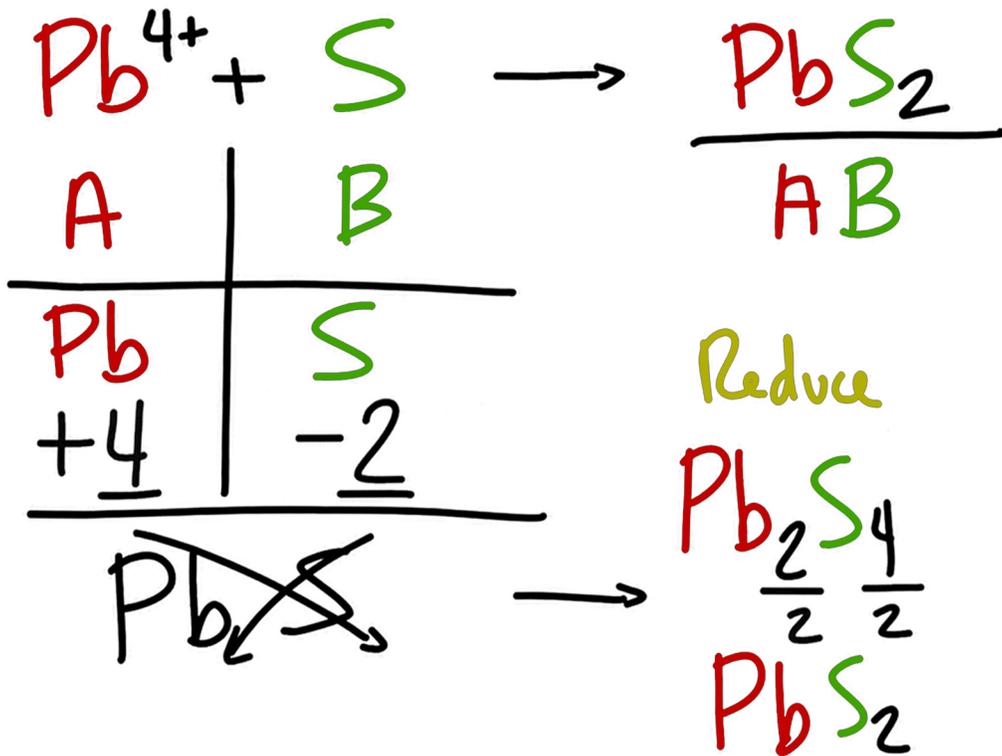


| | |
|--------|--|
| 1A: +1 | |
| 2A: +2 | |
| 3A: +3 | |
| <hr/> | |
| 5A: -3 | |
| 6A: -2 | |
| 7A: -1 | |

Writing Combination Reactions



| | |
|----|------|
| 1A | : +1 |
| 2A | : +2 |
| 3A | : +3 |
| 5A | : -3 |
| 6A | : -2 |
| 7A | : -1 |



| | |
|----|------|
| 1A | : +1 |
| 2A | : +2 |
| 3A | : +3 |
| 5A | : -3 |
| 6A | : -2 |
| 7A | : -1 |