**CHE1031 FLIP: Introduction to balancing chemical equations[[1]](#footnote-1)**

**VIDEO:**

Introduction to balancing chemical equations

https://www.youtube.com/watch?v=yA3TZJ2em6g

**Please watch the video and then answer these questions:**

1. Did you find that the diagrams of atoms & molecules helped you visualize and understand the concept of chemical equations & balancing?
2. The numbers that you add in front of chemical formulas in order to balance equations are called ‘stoichiometric coefficients’; they indicate the number of molecules present.   
   *Which choice(s) is/are correct? ‘In order to balance a chemical equation \_\_\_\_\_\_\_\_’*
3. *Coefficients can be either increased or decreased.*
4. *Coefficients can only be increased.*
5. *Coefficients can only be decreased.*
6. What number can never be changed in order to balance a chemical equation?
7. How does DeWitt’s method for balancing equations work? Describe the steps he takes.

DeWitt has a great video for more **practice balancing equations**. You might find it useful while doing homework or studying for exams.

# ‘Balancing Chemical Equations Practice Problems’

https://www.youtube.com/watch?v=eNsVaUCzvLA

1. Video from Tyler DeWitt: https://www.youtube.com/watch?v=yA3TZJ2em6g [↑](#footnote-ref-1)