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

**Please watch the video linked in the footnote and then answer these questions.**

1. 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 \_\_\_\_\_\_\_\_’*
2. *Coefficients can be either increased or decreased.*
3. *Coefficients can only be increased.*
4. *Coefficients can only be decreased.*
5. What number can never be changed in order to balance a chemical equation?
6. How does DeWitt’s method for balancing equations work? Describe the steps he takes.

**4.** How do you decide which compounds to balance last?

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)