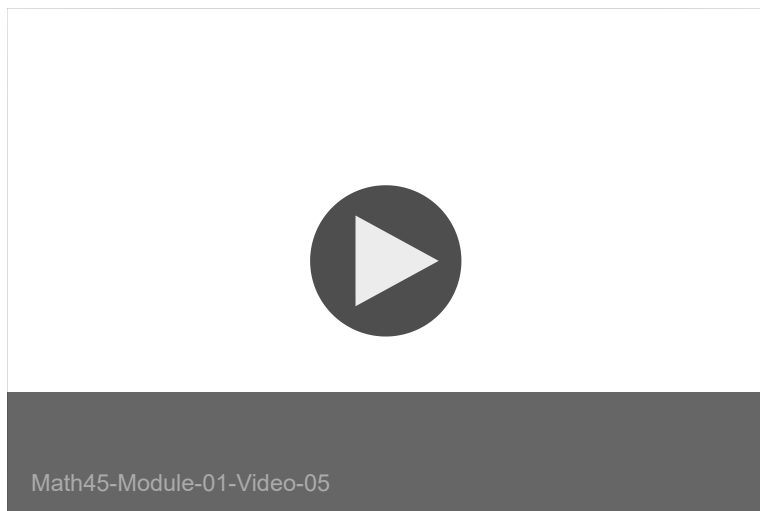


Order

The last way in which we currently could classify DEs is based on its order.

Definition:

An n -th order DE is a DE whose highest derivative has order n .

Discussion, comments, and examples:**WeBWork module 01 exercises:**

- Problems 7,8

Relevant Wikipedia articles:

- [Order of a differential equation](https://en.wikipedia.org/wiki/Differential_equation#Equation_order) [_\(https://en.wikipedia.org/wiki/Differential_equation#Equation_order\)_](https://en.wikipedia.org/wiki/Differential_equation#Equation_order)