Using Test Doubles to Improve Unit Tests

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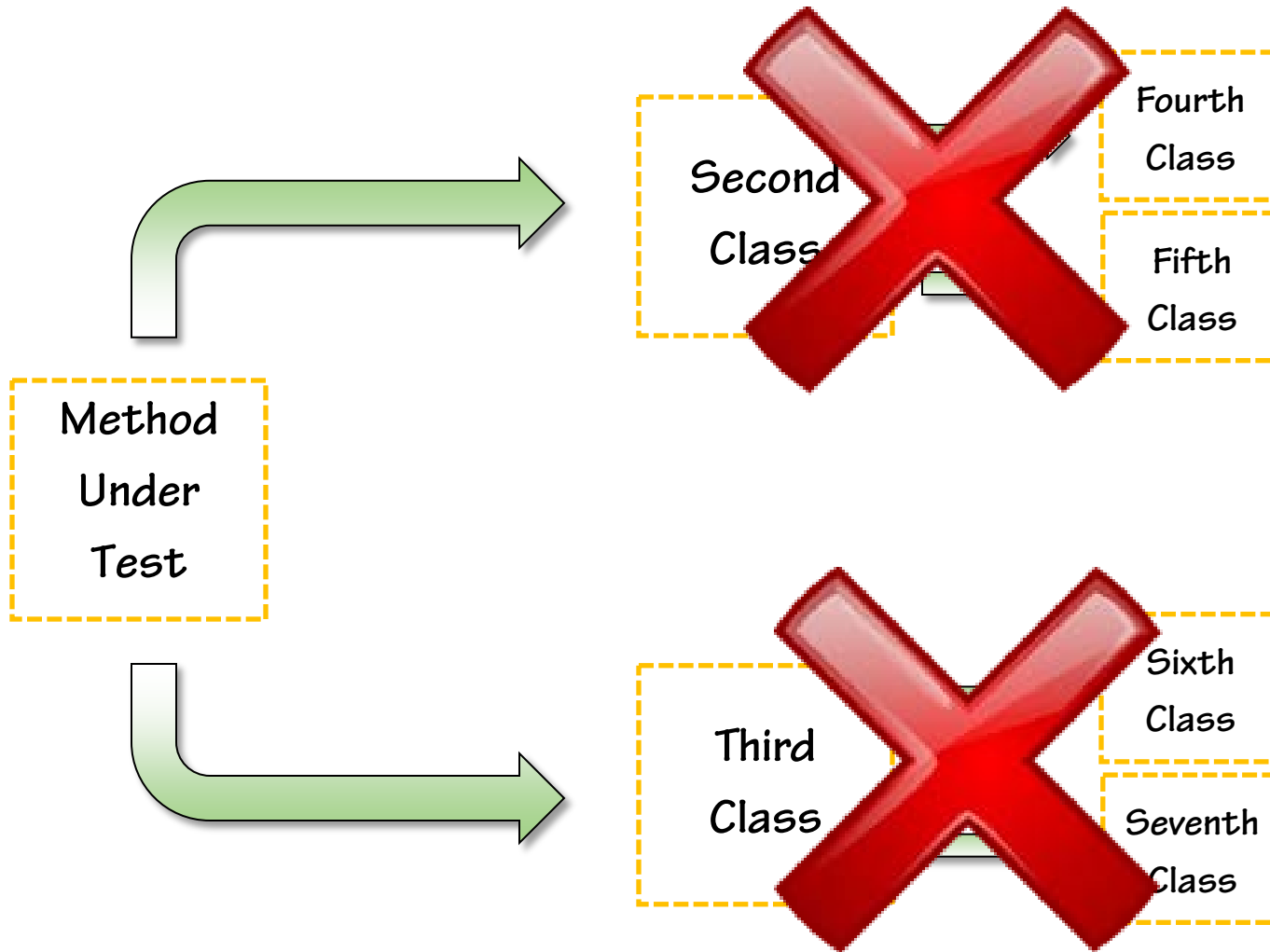
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Overview

- **Unit Testing Can be Difficult**
  - Complex Code
  - Code that is Coupled to Other Classes
  - Code that Accesses External Resources
- **Good News…Test Doubles Can Help!**
- **Test Doubles Help You Isolate the Code You Want to Test**
- **Test Doubles Help Support Good Coding Principles**

Properties of a Good Unit Test

➤ Atomic

➤ Deterministic

➤ Repeatable

➤ Order Independent & Isolated

➤ Fast

➤ Easy to Setup

A Common Problem with Unit Tests

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