pd8 hw5B16 2019-04-03 Eric Lau

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|  | is-A | has-A |
| Other OOP terms | polymorphism  inheritance | encapsulation  composition |
| Use it when… | You have a subcategory of another category  The subcategory can do what the category does, can do some things differently, and can do more things. | A class might not be able to do all that an ExistingClass can do  If a Class has two or more of an ExistingClass  You want to hide information and prevent outside interference |
| Java syntax | access Class extends ExistingClass { } | access Class {  private ExistingClass;  private ExistingClass[];  } |