**Take-Home: Quiz 7 (15 pts) – Inheritance and Polymorphism in C++ Again!**

1. **(8 pts - 2 pts/pillar)** What are the four pillars of object-oriented programming (OOP)? As part of your solution define each one.
2. **(4 pts)** Why do we use *virtual* functions? Explain.
3. **(3 pts)** Explain the purpose of a *virtual* *destructor*.