



## **Section 4 - Abstract and Nested Classes Quiz**

1. When should you use abstract classes?
2. Write a Cellphone class that has a nested class called Battery. Keep track of the cellphone's name and model in the Cellphone class – both fields, along with a Battery object, must be passed into the Cellphone constructor. The Battery class simply contains one integer field, called duration, that holds the amount of time (in hours) the battery lasts for before it needs to be recharged.