Extending Time Class Exercise

The following questions rely on the Time class you implemented in a previous lab and specified at:

http://www.cs.umd.edu/class/fall2015/cmsc132-040x/content/labs/Week1/TimeClassDoc/

1. Modify the class so it stores time using military time. Military time is described at

   http://www.spacearchive.info/military.htm

2. Add a comparator (class implementing Comparator) that allow us to sort a list of Time objects in an increasing fashion. Write a JUnit test that sorts a list of values.
3. Make the class Time implement the Comparable interface so we can sort a list of Time objects in a decreasing fashion. Write a JUnit test that sorts a list of values.
4. Provide methods that allow us to go from regular time to military time (and vice versa).
5. You should finish this exercise at home, if you are not able to finish during lab time.