**Designing a simple computer**

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Computer Design Lab.

You are a technician and you have been asked to build a computer for a customer. The customer does not have a lot of money so you will need to keep costs down. You must design a computer that meets the requirements listed below.

* Design a computer for a typical home that someone could use for everyday common applications.
* word
* Google chrome
* I-tunes
* etc

Computer must include:

* Case
* Mother board
* Power supply
* Cooling fans and heat sinks as required
* CPU (dual core minimal)
* RAM (4 gigs minimum)
* Hard drive (500 gig minimal)
* DVD burner
* Sound
* Graphics
* NIC
* Monitor (flat screen)
* Keyboard
* Mouse
* Speakers

**You must use individual components (no packages or kits)**

All data can be found on the web [www.tigerdirect.com](http://www.tigerdirect.com)

You must use this web page

ALL PARTS MUST BE NEW

* Print out all equipment you would be ordering. Single page only
* All print outs must include prices
* ONLY PRINT PAGES THAT YOU NECESSARY.
* You are trying to build a computer that meets the requirements while keeping costs to a minimal.
* All prices must be totaled at the end.
* How low can you go?