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| Minimum Qualifications | Minimum Specifications | Specifications of the Selected Computer |
| 1. You must be able to easily take it with you on business trips. | Portable Computer | Laptop Computer |
| 2. Its main processor must be able to process 8 or more bytes of data at a time at a speed of at least 1 billion cycles per second. | It must have a 1 gigahertz processor  MATH  Gigahertz are typically measured in gigahertz per second |  |
| 3. Its main memory must hold the equivalent of at least 8 billion characters at one time. | Random Access Memory with at least 8 gigabytes of memory  MATH |  |
| 4. You should be able to store the equivalent of at least 700 billion characters on one of its internal storage devices. | Hard drive that has 700 gigabytes of memory  MATH |  |
| 5. It must be able to play DVD movies and music CDs. | Must have a DVDRW Drive  DVD and CD are both acronyms which you need to expand. Same with RW |  |
| 6. It must be able to connect to an industry standard wired LAN and, under ideal conditions, transfer the equivalent of 12.5 million characters to another computer in one second. | Ethernet with transfer speed of 100 megabits per second  MATH  LAN is another acronym which must be expanded  You also need to say what device on the computer will be meeting this requirements (The Ethernet port in this case) |  |
| 7. It must be able to connect to an industry standard WLAN and, under ideal conditions, transfer the equivalent of 6.75 million characters to another computer in one second. | 54 megabits per second  MATH  WLAN is an acronym  Similar to the LAN, you need to explain which device on the computer must meet this requirement |  |
| 8. Its display should be able to display at least 980,000 dots at one time. | The monitor/display must have a resolution of 980,000 pixels at a time or 1000x980 |  |
| 9. You must be able to connect at least two peripheral devices to the computer to which the computer can transfer more than 25 million characters per second. | 2 universal side bus slots with the transfer speed of 200 megabits per second  MATH |  |
| 10. You must be able to create and play back audio and video files through built-in or peripheral hardware devices. (Be sure to list all required hardware devices needed to accomplish this.) | Must have a webcam, monitor, microphone, and speakers on the device |  |

All of your mathematical calculations need to have work shown so that Mr. Hendricks knows how you got to the number you… got to. Don’t forget to describe the exact specifications of each device your computer solution contains, expanded acronyms and all.