Name:       Period #:

Unit 4—Test Review Assignment

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|  | **Vocabulary Words** | **Definitions** |
|  | Circuit | 1. Manipulating data |
|  | Data | 1. The main circuit board located in the computer’s system unit |
|  | RAM | 1. A device used to control the flow of electrical current; located on the motherboard |
|  | Celeron | 1. The brains of the computer |
|  | Processing | 1. A low to middle-end processor used in budget computers. |
|  | Multi-core | 1. A single computer chip that contains two or more central processing units. |
|  | Hertz | 1. Permanent memory; stores the instructions the computer uses each time it boots |
|  | Pentium | 1. This computer chip has two processors working at the same time. |
|  | Motherboard | 1. Processed data; Report, PowerPoint, E-mail |
|  | Silicon chip | 1. Intel’s 5th generation processor; a middle to high-end processor |
|  | ROM | 1. Raw facts; example: A B C 1 2 $ |
|  | CPU | 1. The path data uses to follow in the computer. |
|  | Information | 1. The speed of the processor (clock-speed) |
|  | Dual-core | 1. Temporary memory; used to store data as you process it. |
|  | Troubleshooting | 1. An electrical device inserted in a power line to protect computer hardware from sudden fluctuations in power |
|  | Surge Protector | 1. Finding the source of a computer problem and fixing it through the process of elimination |

Directions: Match the definitions on the right with the vocabulary words on the left.

1. What is the #1 reason for data loss?
2. When troubleshooting your computer, what should you always check/do?
   1. First?
   2. Second?
   3. Finally?
3. If you are uncertain how to upgrade or repair your computer, consult
4. Write 2-3 sentences describing steps you can take to protect your computer against theft.



1. Write 2-3 sentences describing steps you personally can take to help protect your computer from physical damage.



Using your **Unit 4 Study Guide Part A**, write a well-documented paragraph (3-5 sentences) explaining to your parents what a multi-core processor is and why buying a computer with a multi-core processor for your family would be a great idea! Describe the processor you think your family should purchase. Include things your family would use your computer for and how the processor you chose would meet your family computing needs to support your discussion. Note: (You must answer the question even if your family already owns a computer with a multi-core processor and your parents already know what it is ☺ )

