Name: _____   Date: _____

Computer Basics Worksheet (to Accompany Computer Basics Presentation)

Created by the CS4MS+ Project

1.) A TV/monitor with a 60Hz refresh rate cycles in a new image how many times per second?

    A. 1 cycle per second

    B. 5 cycles per second

    C. 30 cycles per second

    D. 60 cycles per second

2.) How many bits are in 4 bytes?

    A. 32 bits

    B. 4 bits

    C. 16 bits

    D. 8 bits

3.) True or False: A Megabyte can hold more data than a Gigabyte.

    A. True

    B. False

4.) Name a few software programs or applications that you like to use:

_____

_____

5.) If computer RAM is similar to "short-term memory", what is similar to a computer's "long-term memory?"

    A. BIOS

    B. CPU/GPU

    C. HDD/SSD

    D. Motherboard

6.) The motherboard:

    A. Allows all hardware components to communicate to each other

    B. Interprets instructions from software to be performed by hardware

    C. Comes pre-installed with Fortnite

    D. Computes 3D shapes

7.) Why can multiple applications run simultaneously (at the same time) on a single computer?

    A. The RAM retrieves information from the hard drive

    B. An SSD has no moving parts, so it can process information faster

    C. The CPU can multitask and compute several things at once

    D. The GPU computes many pixels at once to display images

8.) Which of the following hardware speeds is the fastest?

    A. 3.5 Hertz

    B. 3.5 Kilohertz

    C. 3.5 Megahertz

    D. 3.5 Gigahertz