Name _____ Date _____

Hardware and Software: Parts of a Computer and What They Do

Directions: Start by matching each computer word to its meaning. Then use those words to answer the rest of the questions.

1. Match each of these six computer words to its meaning.

Write the letter of the matching answer on each line.

1. _____ Hardware
2. _____ Software
3. _____ Input device
4. _____ Output device
5. _____ Processor
6. _____ Storage

Choices for question 1

A. Every piece of a computer that you can touch
B. Carries information into a computer
C. Programs and apps, the directions a computer follows
D. The chip that follows a program's directions, step by step
E. Holds on to files after the computer is turned off
F. Carries information out of a computer so people can see or hear it

2. Kim uses a drawing app on her laptop. Which one of these is software?

A. The mouse Kim draws with
B. A flash drive with games saved on it
C. The screen that shows the drawing app
D. The drawing app

3. Leo drops his tablet, and the glass screen cracks. What kind of problem is this, and how can it be fixed?

A. A software problem, so deleting an app will fix it
B. A software problem, so installing an update will fix it
C. A hardware problem, so turning the tablet off and on will fix it
D. A hardware problem, so the screen has to be repaired or replaced

4. Rosa wants to add something new to her laptop. Which of these could she add just by downloading it?

A. A typing game
B. A faster processor chip
C. A second monitor
D. A pair of speakers

5. Malik made a list of things he uses with his computer at home:

- a touchpad
- a spelling app
- a game controller
- a web browser
- a headset
- a map app
- a video chat app

How many items on Malik's list are hardware?

_____

6. Dev is sorting his class's computer gear into input devices and output devices. Which two of these belong with the input devices? Choose 2.

☐ A. Microphone ☐ B. Speakers ☐ C. Mouse
☐ D. Printer ☐ E. Projector

7. Kai wants to watch a video in the library without bothering anyone. Which output device should he use?

A. A keyboard B. Headphones C. A webcam D. A scanner

8. June writes a story on her laptop, saves it, and shuts the laptop down for the night. The next morning, the story is still there. Which part kept the story while the laptop was off?

A. The screen
B. The keyboard
C. The storage drive
D. The processor

9. Ivy taps Play in a music app on her laptop, and a song starts. Which sentence explains how hardware and software work together here?

A. The app gives directions, the processor follows them, and the speakers play the sound.
B. The keyboard holds the song until Ivy taps Play.
C. The app plays the song by itself, without any hardware.
D. The speakers read the app's directions and choose which song to play.

10. Nico's tablet has a touchscreen. Why does a touchscreen count as both an input device and an output device?

A. It is an input device when it is on and an output device when it is off.
B. It only sends information into the tablet, never out.
C. It is hardware when Nico touches it and software when it shows an app.
D. It shows words and pictures, and it also senses where Nico touches it.