# Scenario-Based Worksheet: Understanding How Computers Work

**Scenario:**
Alex is getting ready to write a school report using his computer. He presses the power button on his laptop, and it turns on. The screen lights up, showing a picture of the school logo as it loads. Alex then opens his word processing software and starts typing. Every time he presses a letter on the keyboard, the letter shows up on the screen. After finishing the first paragraph, Alex saves his work.

A few days later, Alex opens his laptop again to continue working on his report. He clicks on the file and opens it. He sees all the paragraphs he wrote earlier and starts typing the next part of the report. The battery on Alex's computer is running low, so he plugs the charger into the side of the laptop to keep it running.

Instructions: Read the scenario about Alex and answer the following questions. Choose the correct answer for each question.

1. Which external part of the computer allows Alex to type his report?
- A) Mouse
- B) Screen
- C) Keyboard
- D) Hard Drive

2. When Alex sees the letters on the screen as he types, which external part is he using?
- A) Mouse
- B) Keyboard
- C) Monitor
- D) Processor

3. Where does Alex's computer temporarily store the paragraphs he has typed while he's still working on the report?
- A) RAM
- B) Hard Drive
- C) Battery
- D) Monitor

4. After saving his work, where does the

5. When Alex presses a key on the keyboard, which internal part of the computer processes the input?
- A) Monitor
- B) Processor (CPU)
- C) RAM
- D) Hard Drive

6. What role does the battery play in Alex's computer?
- A) It stores all his files.
- B) It powers the computer.
- C) It allows him to type on the keyboard.
- D) It helps the processor work faster.

7. What does Alex do when the battery is running low to keep the computer working?
- A) Saves his work again.
- B) Opens the file.
- C) Plugs in the charger.
- D) Turns off the computer.

8. Which of the following parts would stop

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| computer store Alex's report for him to access later?<br><br>- A) RAM<br>- B) Hard Drive<br>- C) Processor<br>- D) Keyboard | working if Alex didn't plug in the charger when the battery was low?<br><br>- A) Keyboard<br>- B) RAM<br>- C) Processor<br>- D) All of the above |