

# Computer Hardware Quiz - Grade 7

20 Questions - For Liveworksheets.com Import

## SECTION 1: STUDENT INFORMATION

### Question 1 (SHORT ANSWER / TEXT INPUT)

Your First and Last Name

Required: YES

### Question 2 (DATE)

Today's Date

Required: YES

## SECTION 2: HARDWARE MATCHING (with pictures)

Instructions: Match hardware to its function

### Question 3 (MULTIPLE CHOICE with image)

1. Match: What hardware is this? (KEYBOARD)

Image to upload: Keyboard image

- INPUT - sends typing instructions
- STORAGE - saves data when off
- OUTPUT - shows on screen
- PROCESSING - the brain that calculates
- INPUT - sends sound into computer

### Question 4 (MULTIPLE CHOICE with image)

2. Match: What hardware is this? (HARD DRIVE)

Image to upload: Hard Drive image

- INPUT - sends typing instructions
- STORAGE - saves data when off
- OUTPUT - shows on screen
- PROCESSING - the brain that calculates
- INPUT - sends sound into computer

### Question 5 (MULTIPLE CHOICE with image)

3. Match: What hardware is this? (MONITOR)

Image to upload: Monitor image

- INPUT - sends typing instructions
- STORAGE - saves data when off
- OUTPUT - shows on screen
- PROCESSING - the brain that calculates
- INPUT - sends sound into computer

**Question 6 (MULTIPLE CHOICE with image)**

4. Match: What hardware is this? (CPU)

**Image to upload:** CPU image

- INPUT - sends typing instructions
- STORAGE - saves data when off
- OUTPUT - shows on screen
- PROCESSING - the brain that calculates
- INPUT - sends sound into computer

**Question 7 (MULTIPLE CHOICE with image)**

5. Match: What hardware is this? (MICROPHONE)

**Image to upload:** Microphone/Speaker image

- INPUT - sends typing instructions
- STORAGE - saves data when off
- OUTPUT - shows on screen
- PROCESSING - the brain that calculates
- INPUT - sends sound into computer

## SECTION 3: COMPUTER TYPES (with pictures)

Instructions: Match computer types to their descriptions

### Question 8 (MULTIPLE CHOICE with image)

6. Match: What type of computer is this? (LAPTOP)

**Image to upload:** Laptop image

- Powerful desk machine for gaming/video editing
- Tiny computer that fits in your pocket
- Portable computer with keyboard and screen that opens/closes
- Flat touchscreen device for entertainment

### Question 9 (MULTIPLE CHOICE with image)

7. Match: What type of computer is this? (SMARTPHONE)

**Image to upload:** Smartphone image

- Powerful desk machine for gaming/video editing
- Tiny computer that fits in your pocket
- Portable computer with keyboard and screen that opens/closes
- Flat touchscreen device for entertainment

### Question 10 (MULTIPLE CHOICE with image)

8. Match: What type of computer is this? (TABLET)

**Image to upload:** Tablet image

- Powerful desk machine for gaming/video editing
- Tiny computer that fits in your pocket
- Portable computer with keyboard and screen that opens/closes
- Flat touchscreen device for entertainment

### Question 11 (MULTIPLE CHOICE with image)

9. Match: What type of computer is this? (DESKTOP)

**Image to upload:** Desktop Computer image

- Powerful desk machine for gaming/video editing
- Tiny computer that fits in your pocket
- Portable computer with keyboard and screen that opens/closes
- Flat touchscreen device for entertainment

### Question 12 (MULTIPLE CHOICE with image)

10. Match: What type of computer is this? (MAINFRAME)

**Image to upload:** Mainframe/Server image (optional - can be text only)

- Very large refrigerator-sized computer used by banks
- Small tablet for reading
- Gaming console for home use
- Smartwatch for wrist use

## SECTION 4: MULTIPLE CHOICE QUESTIONS

Instructions: Choose the correct answer

### Question 13 (MULTIPLE CHOICE)

11. Which is an OUTPUT device?

- Scanner
- Printer
- Keyboard
- Microphone

### Question 14 (MULTIPLE CHOICE)

12. RAM is used for what?

- Long-term storage
- Processing graphics
- Short-term memory while working
- Connecting to the internet

### Question 15 (MULTIPLE CHOICE)

13. Why would a student choose a laptop over a desktop?

- It's more powerful
- It's cheaper
- It's portable and can be taken to different places
- It has a larger screen

### Question 16 (MULTIPLE CHOICE)

14. Which device connects your home network to the internet?

- Network card
- Modem
- Router
- Wi-Fi adapter

### Question 17 (MULTIPLE CHOICE)

15. A mainframe computer is used for:

- Playing games
- Writing documents
- Processing millions of transactions for large organizations
- Watching videos

### Question 18 (MULTIPLE CHOICE)

16. Which of these is an INPUT device?

- Monitor
- Speaker
- Mouse
- Printer

**Question 19 (MULTIPLE CHOICE)**

17. What does the CPU do?

- Stores data permanently
- Displays information on screen
- Processes data and makes calculations
- Connects to the internet

**Question 20 (MULTIPLE CHOICE)**

18. Which is the best storage device for saving files permanently?

- RAM memory
- Hard drive or SSD
- USB flash drive
- Monitor screen

## SECTION 4: MULTIPLE CHOICE QUESTIONS (CONTINUED)

### Question 21 (MULTIPLE CHOICE)

19. A touchscreen is an example of what type of device?

- Output only device
- Input only device
- Both input and output
- Storage device

### Question 22 (MULTIPLE CHOICE)

20. Which of these computers is portable and fits in your pocket?

- Desktop
- Laptop
- Smartphone
- Mainframe

## SUMMARY

**Total Questions:** 20

**Question 1-2:** Student Info (Name, Date)

**Question 3-7:** Hardware Matching with pictures (5 questions)

**Question 8-12:** Computer Types with pictures (5 questions)

**Question 13-22:** Multiple Choice (10 questions)

**Pictures Needed:** 10 total

- Keyboard, Hard Drive, Monitor, CPU, Microphone
- Laptop, Smartphone, Tablet, Desktop, Mainframe/Server

**Total Points:** 20 points possible

**Time Estimate:** 15-20 minutes for students

**NO ANSWERS SHOWN** - Questions only format for creating on Liveworksheets