

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