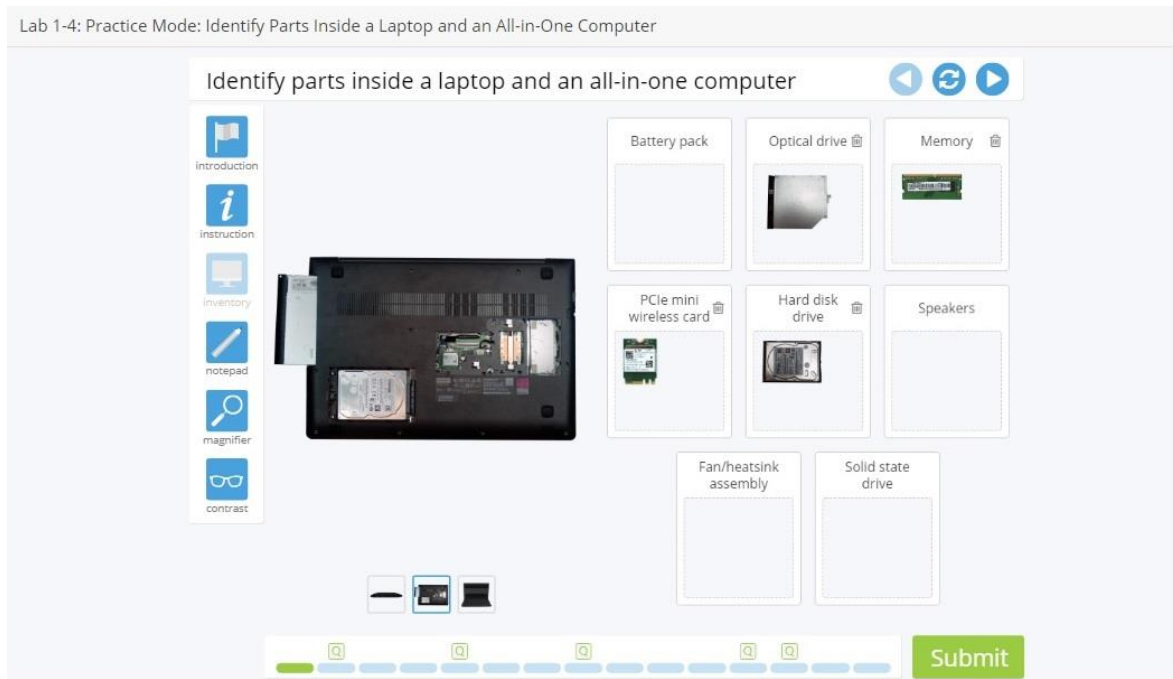


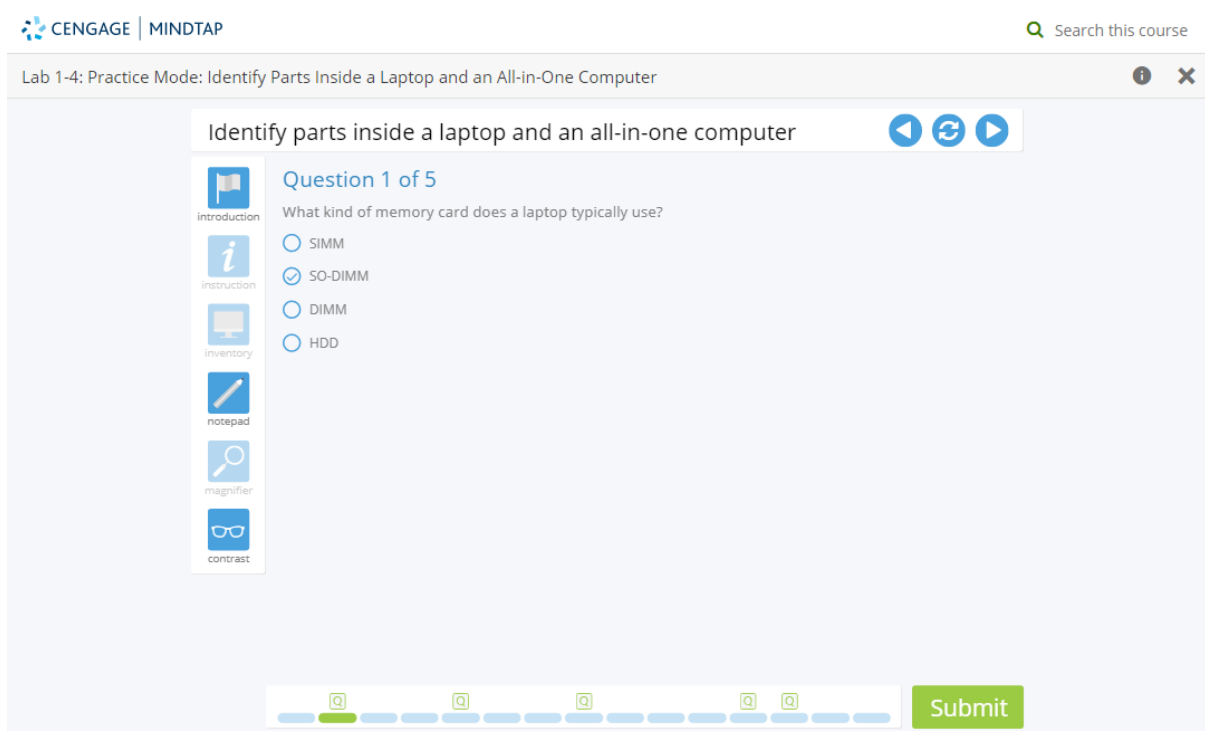
Module 1 Practice Mode: Advanced Hardware Lab Simulations

Solutions for: [Lab 1-4: Practice Mode: Identify Parts Inside a Laptop and an All-in-One Computer](#)

Step 1:



Q1:



Step 2:

Lab 1-4: Practice Mode: Identify Parts Inside a Laptop and an All-in-One Computer

Identify parts inside a laptop and an all-in-one computer

Introduction
Instruction
Inventory
Notepad
Magnifier
Contrast

PCIe mini wireless card
Solid state drive
System board
Hard disk drive
Battery pack
Fan/heatsink assembly
Optical drive
Memory

Submit

Step 3:

Lab 1-4: Practice Mode: Identify Parts Inside a Laptop and an All-in-One Computer

Identify parts inside a laptop and an all-in-one computer


Introduction
Instruction
Inventory
Notepad
Magnifier
Contrast

network connection
communication between parts
cooling
storage
temporary storage

Hard disk drive
storage
Optical drive
storage
PCIe mini wireless card
network connection
System board
communication between parts
Memory
temporary storage
Fan/heatsink assembly
cooling

Submit

Q2:

 Search this course

Lab 1-4: Practice Mode: Identify Parts Inside a Laptop and an All-in-One Computer

Identify parts inside a laptop and an all-in-one computer

introduction

instruction

inventory

notepad

magnifier

contrast

Question 2 of 5

In this computer, the optical drive and the hard disk drive provide options for long-term data storage. What's another component often included in computers for long-term storage?

- ☐ PCIe expansion card
- ☐ DIMM
- ☐ SO-DIMM
- ☒ Solid state drive

Q

Q


Q

Q

Q

Submit

Step 4:

 Search this course

Lab 1-4: Practice Mode: Identify Parts Inside a Laptop and an All-in-One Computer

Identify parts inside a laptop and an all-in-one computer

introduction


instruction

inventory

notepad

magnifier

contrast



Q

Q

Q

Q

Q

Submit

Please refer screen-cast: << <https://screencast-o-matic.com/watch/cqj0QltIU5>>>

Step 5:

Identify parts inside a laptop and an all-in-one computer

introduction
instruction
inventory
notepad
magnifier
contrast

Solid state drive
Optical drive
PCIe mini wireless card
Fan/heatsink assembly
Battery pack
Hard disk drive
Speakers
Memory
System board

Submit

Q3:

Identify parts inside a laptop and an all-in-one computer

Question 3 of 5

This laptop's wireless card plugs into a mini-PCIe slot on the system board. In a desktop computer, what kind of motherboard slot would a wireless card typically plug into?

- ☐ AM3+
- ☒ PCIe
- ☐ DIMM
- ☐ PCI

introduction
instruction
inventory
notepad
magnifier
contrast

Submit

Lab 1-4: Practice Mode: Identify Parts Inside a Laptop and an All-in-One Computer



Lab 1-4: Practice Mode: Identify Parts Inside a Laptop and an All-in-One Computer



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Lab 1-4: Practice Mode: Identify Parts Inside a Laptop and an All-in-One Computer

Identify parts inside a laptop and an all-in-one computer

The screenshot shows the Cengage MindTap interface for a lab activity. At the top, there's a header with the Cengage logo and "MINDTAP". Below it, a search bar says "Search this course". The main title of the lab is "Lab 1-4: Practice Mode: Identify Parts Inside a Laptop and an All-in-One Computer". The activity itself is titled "Identify parts inside a laptop and an all-in-one computer". On the left, there's a vertical sidebar with icons for "introduction", "instruction", "inventory", "notepad", "magnifier", and "contrast". The central part of the screen features a large image of a laptop disassembled, showing internal components. To the right of this image is a grid of nine smaller images, each representing a different component: "Memory", "PCIe mini wireless card", "System board", "Battery pack", "Optical drive", "Hard disk drive", "Fan/heatsink assembly", "Coin-cell battery", and "Solid state drive". Each component image has a label above it and a small trash icon. At the bottom, there's a progress bar with several colored segments (blue, green, yellow) and a "Submit" button.

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Search this course

Lab 1-4: Practice Mode: Identify Parts Inside a Laptop and an All-in-One Computer

Identify parts inside a laptop and an all-in-one computer

introduction

instruction

inventory

notepad

magnifier

contrast

Question 4 of 5

Some parts inside an all-in-one computer look very similar to laptop parts, while other parts are the same as those used inside a desktop computer. Of the parts listed here, which one are you most likely to find in any of the three types of computers (laptop, desktop, and all-in-one) without any variation in size, shape, or functionality?

☐ 2.5" HDD

☒ Internal SSD

☐ 3.5" HDD

☐ SATA DVD drive

Q

Q

Q

Q

Q

Submit

Q5:

Lab 1-4: Practice Mode: Identify Parts Inside a Laptop and an All-in-One Computer

Identify parts inside a laptop and an all-in-one computer



introduction



instruction



inventory



notepad



magnifier



contrast

Question 5 of 5

Coin-cell batteries are often used to power small devices such as watches and small toys. It's obviously not capable of powering the entire all-in-one computer. So what is it used for here?

- ☒ Powers a small amount of RAM so the computer will retain motherboard settings, such as the time and date
- ☐ Powers the optical drive ejection mechanism so a user can remove a DVD even when the computer is shut down
- ☐ Gives the user a few minutes during a power outage to save her work and shut down the computer
- ☐ Powers a small fan in the computer to keep it from overheating



Submit

Step 9:

Lab 1-4: Practice Mode: Identify Parts Inside a Laptop and an All-in-One Computer

Identify parts inside a laptop and an all-in-one computer



introduction



instruction



inventory



notepad



magnifier



contrast

communication between parts

network connection

storage

temporary storage

cooling

power to maintain RAM

Optical drive

storage

Memory

temporary storage

PCIe mini wireless card

network connection

Hard disk drive

storage

Fan/heatsink assembly

cooling

Coin-cell battery

power to maintain RAM

System board

communication between parts



Submit

Step 10:

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Lab 1-4: Practice Mode: Identify Parts Inside a Laptop and an All-in-One Computer

Identify parts inside a laptop and an all-in-one computer

introduction

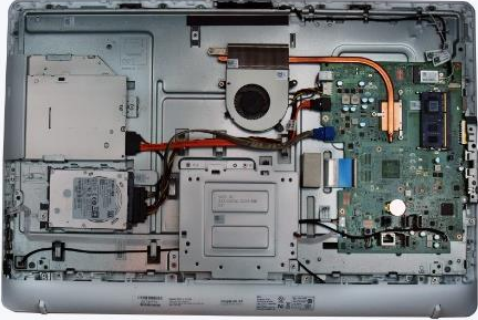
instruction

inventory

notepad

magnifier

contrast



Q

Q

Q

Q

Q

Submit

Please refer screen-cast:<< <https://screencast-o-matic.com/watch/cqj0QYtlvX>>>