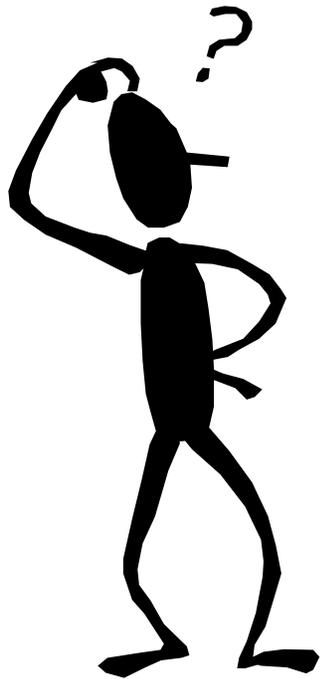




PC External Anatomy Review

INSTRUCTIONS: The following screens contain a series of questions and answers you should know about this subject. Read the stem of the question, review your notes, and then write down the answer the question. The correct answer can be found on the next screen. Review and compare your answer with mine. If they match... Great! If they don't... You have some studying to do before you take the module exam.

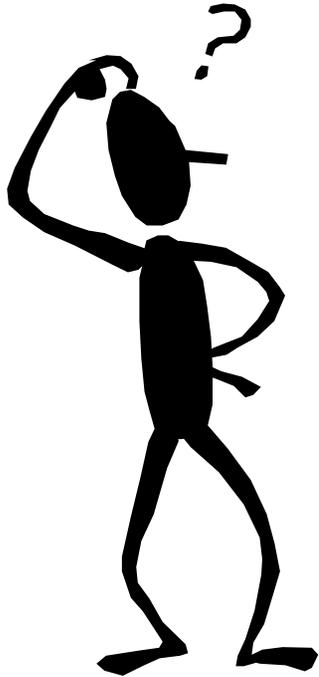
Resolution is a specification for the quality of a computer _____.



Resolution is typically expressed by identifying the number of pixels on the horizontal axis (rows) and the number on the vertical axis (columns), such as 640x480 or 1024 x 768. This specification pertains to the quality of a computer monitor. Generally speaking, the high the numbers the better the monitor.



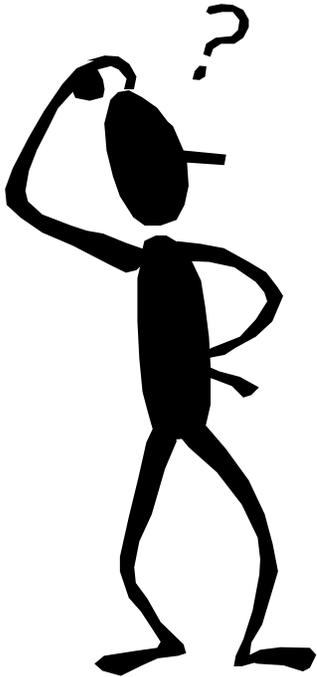
Some computers have more than one _____ bay to mount disk drives in.



Many PC cases feature additional slots for both 3.5" and 5.25" drives. These slots or openings are referred to as bays.



The computer _____ broke onto the computer scene in the year 1984.



Although a crude model was developed a couple years earlier. The mouse entered the technology market in 1984.



**Sometimes called adaptors, these _____
allow external devices to be connected to the
computer through cables connected to
ports on computer interface cards.**



Interface cards are circuit boards (cards) that do exactly what the name implies. They interface the PC to external devices. Although they might be called adaptors... "Interface Card" is the most proper terminology.



The microprocessor is sometimes called the _____ of the computer and coordinates all of the computer's functions according to the operating systems software.



The microprocessor is the brains of the computer system. In this course we do not refer to the microprocessor as the CPU (Central Processor Unit). The microprocessor, motherboard, memory, and drives (once placed in the case) is called the CPU. That's the box on the desk.



The operating system is a set of program instructions that allow the _____ to communicate with other workstation devices like the mouse, memory, disk drives and keyboard.



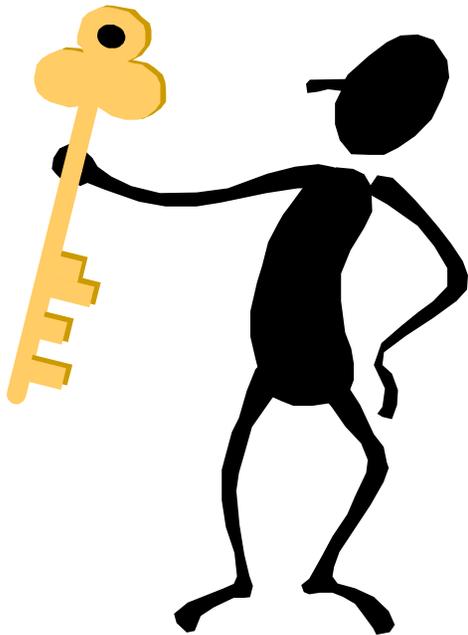
Computers are comprised of two basic elements... Hardware and Software. The operating system is software that coordinates the hardware devices like the mouse, memory, drives, and keyboard with the brains of the computer - The microprocessor.



Rotors are a component part of the computer
 ?



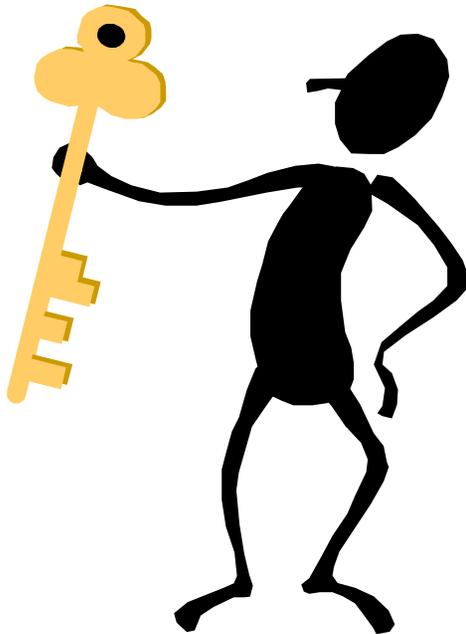
Rotors are part of the computer mouse. Mouse components also include optoisolator disks and optocouplers.



Computers send and receive information directly through various _____ and _____ input/output ports.



Computers use ports to communicate with external device. These ports transmit the data in a stream of bits (serially) or a byte at a time (parallel). All ports are either serial or parallel ports.



Upgrading the _____ is NOT limited by the number or type of available slots on the motherboard.



The system memory, microprocessor, and video adaptor all have to conform to a specific form-factor (that's the type, shape, and size of motherboard and its connectors). The drives don't. To upgrade a drive... you simply put in a higher capacity drive.



This assembly is connected to the encoder circuit board through a detachable flexible circuit.



The computer keyboard has a small number of key components. The computer is connected to the keyboard through the keyboard data cable. The keyboard data cable is connected to the keyboard encoder circuit board, the keyboard encoder is connected to a flex-circuit that's connected to a keypad.

