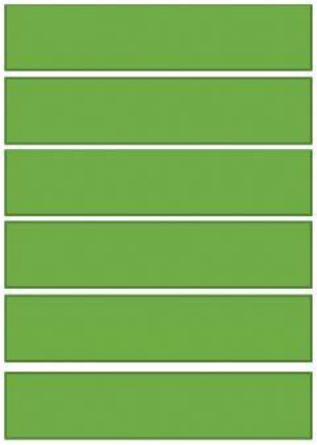
GHS Form 4 IT

Hardware Components of a Computer System

Units of Storage, Local vs Cloud, Input & Output

ENTER NAME: _____

1. Arrange the units of storage from the smallest (at the bottom) to the largest (at the top) by dragging them to the boxes on the left



Gigabyte

Bit

Kilobyte

Megabyte

Byte

Terabyte

2. Manipulate the following units of storage by dragging one answer on the right to its respective coloured boxes:

a) Convert 5.3 MB to KB

5.3MB = 5.3 [ ] 1024 = [ ] KB

* ÷ * 1024 * ÷ 1024 ÷

5427.2 0.005

5557452.8 0.000005

b) Convert 80.8 MB to TB

80.8MB = 80.8 [ ] 1024 = [ ] TB

* ÷ * 1024 * ÷ 1024 ÷

82739.2 0.079

84724940.8 0.000077

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c) Convert 5.3 KB to MB

5.3KB = 5.3 [ ] 1024 * ÷ * 1024 * ÷ 1024 ÷

= [ ] MB 5557452.8 0.000005

d) Convert 80.8 TB to MB

80.8TB = 80.8 [ ] 1024 * ÷ * 1024 * ÷ 1024 ÷

= [ ] MB 82739.2 0.079

84724940.8 0.000077

3. Drag the following local and cloud storage terms to their correct description below

Local Storage	Cloud	Cloud Computing
Local Server	Remote Server	Cloud Storage

a. A metaphor for the internet when referring to technology _____.

b. A type of storage where data/files are stored on servers that are connected to the internet _____.

c. This is specifically geared towards business and gives the ability to remotely work on and transform data _____.

d. A type of storage where data/files are stored on the hard drives of desktops or laptops nearby _____.

e. A computer that is physically located in another area and is connected to the internet _____.

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4. For each of the following storage below, select whether it is a local storage or cloud storage service provider:

a. Flash Drive	Local Storage	Cloud Storage
b. DropBox	Local Storage	Cloud Storage
c. OneDrive	Local Storage	Cloud Storage
d. Hard Drive	Local Storage	Cloud Storage
e. Google Drive	Local Storage	Cloud Storage

5. Input and Output Devices

a. An input device is a _____
while an output device is a _____.

b. For each of the following devices below, select whether it is an input or output device

i. Plotter	Input device	Output device
ii. Joystick	Input device	Output device
iii. OCR	Input device	Output device
iv. Speaker	Input device	Output device
v. Microphone	Input device	Output device

c. Hard copy output is _____ where output is _____
while Soft copy output is _____ where output is _____.

d. Impact printers form character and graphics on paper by _____ while Non-impact printers form character and graphics on paper by _____.

6. Match the following input devices with their correct task on the right:

OMR	Reading magnetic ink characters on a cheque
Sensor	Reading codes with name and price information
MICR	Converting paper-based data into digital form
Scanner	Marking students' responses on multiple choice ex
Barcode reader	Turning on the fan when the room is too hot

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7. Match the following output devices with their correct task on the right:

VDU	Draw a house plan
Headphones	Print cheques
Plotter	Output individual audio responses in a language lab
Printer	Output video

Ensure you entered your name at the top of Page One.
Click Finish, check your answers and click "Email copy to teacher"

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