

- (a) Complete the table below by indicating with a tick (✓) whether the device is used for input or output.

Name	Input	Output
Mouse		
Laser printer		
Plotter		
Keyboard		
Scanner		

KI 5

- (b) A list of software package types is given.

Spreadsheet  
 Word processing  
 CAD  
 DTP  
 Illustration/Paint

Select the most suitable software package to:

- (i) produce a letter with text only;

Type of package .....

- (ii) produce a set of orthographic drawings for a new building;

Type of package .....

- (iii) add colour and tone to a computer produced presentation;

Type of package .....

- (iv) produce a magazine article with text and pictures.

Type of package .....

KI 4



A list of devices that can be connected to a computer is given.

- Monitor
- Mouse
- Printer
- Scanner
- Modem
- Plotter
- Keyboard

Select from the above list a device:

(a) that could be used to add text to a letter.

Device.....

(b) that could be used to add an existing manually produced drawing to the computer.

Device.....

(c) which could be used to obtain hard copies of an orthographic drawing.

Device.....

(d) that could be used to add lines to a CAD drawing.

Device.....

(e) that you could use to get copies of a DTP document.

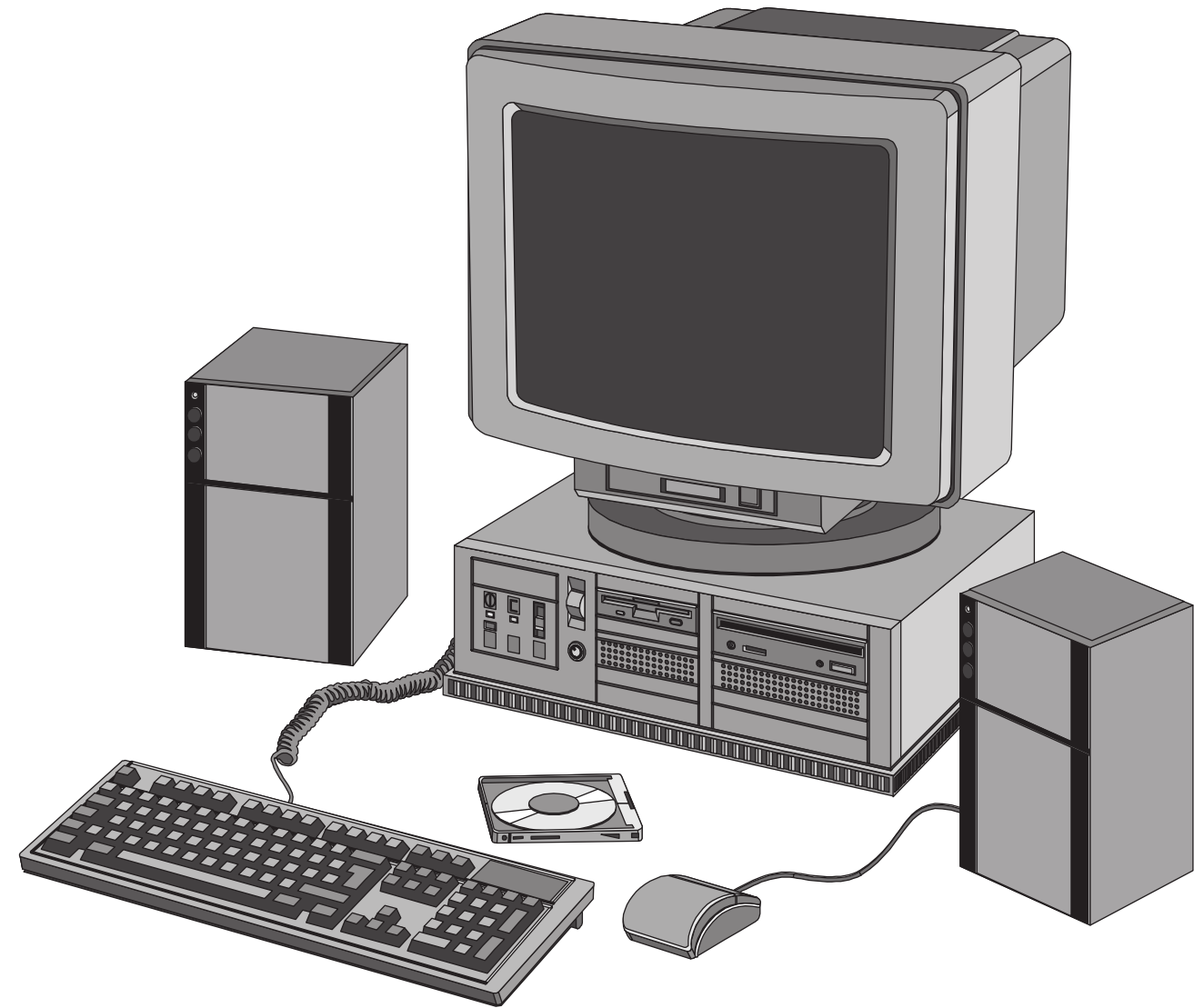
Device.....

(f) that could be used to send documents from one computer to another in a different country.

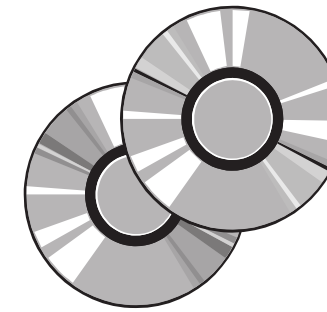
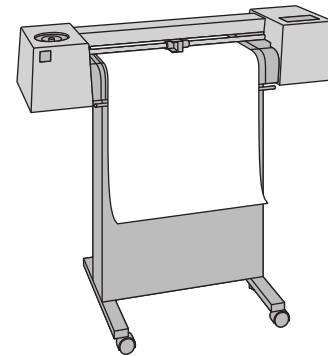
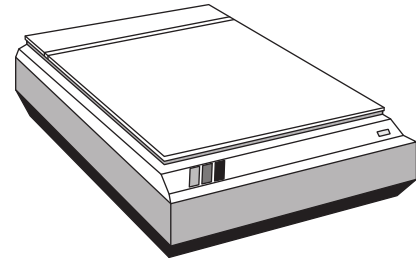
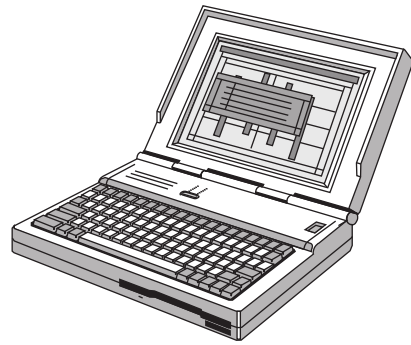
Device.....

(g) that is used to view data stored on the computer.

Device.....



Pupils working on their Illustration and Presentation Folios commonly use the following hardware devices and software packages.



(a) A list of computer software packages is given.

List of Software packages

- DTP
- ILLUSTRATION/PAINT
- WORD PROCESSING
- 2-D CAD

(b) A list of hardware devices is given.

List of Hardware devices

- INKJET PRINTER
- PLOTTER
- KEYBOARD
- SCANNER

Using the above list, select the software packages that would be used in the following situations.

SITUATION	SOFTWARE USED
Produce an orthographic drawing with dimensions	
Produce a display with text and graphics	
Produce a computer generated illustration	

KI 3

Using the above list, select the hardware devices that would be used in the following situations.

SITUATION	HARDWARE USED
Obtain a hard copy of an orthographic drawing	
Input text	
Copy a manual drawing to the computer s memory	

KI 3

(a) Complete the following table by ticking (3) whether the item is an input, output or storage device.

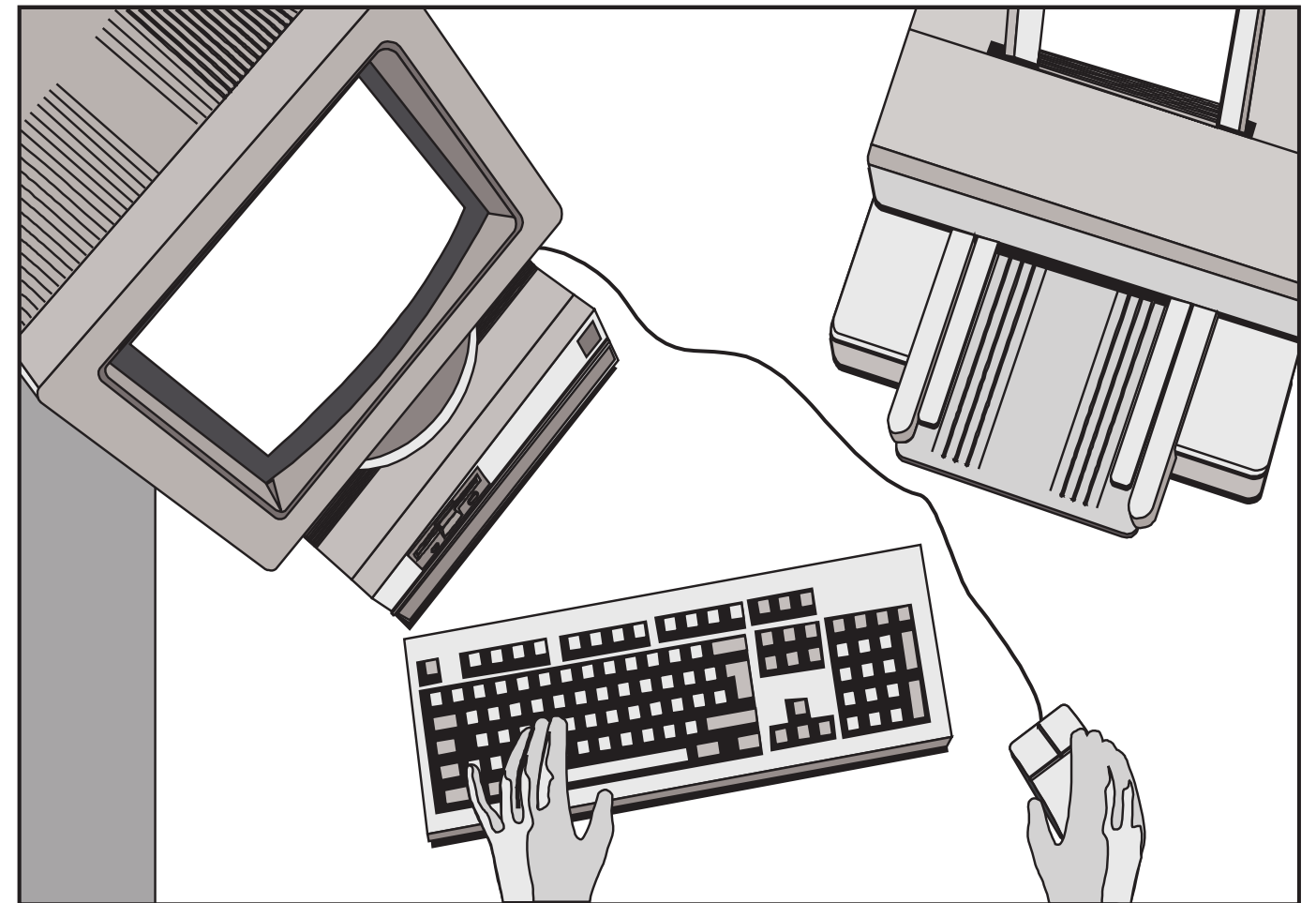
NAME	INPUT	OUTPUT	STORAGE
Keyboard			
Printer			
Scanner			
Hard disc			

(b) State what is meant by the term hard copy.

Answer .....

(c) State why it is important to store work at regular intervals on the computer.

Answer .....



KI 4

KI 1

KI 1



Caldergleng High School  
Technology Department

# Computer Aided Graphics Homework



Powerpoint 2  
will help you  
with this section

Homework to be completed on time  
and returned in homework jotter.

In industry, computers are now used to produce many different types of graphics.

(a) Complete the following table by adding the type of software package used to accomplish the given task.

Department	Task	Software Package Type
Administration Department	The production of letters to the firm's clients	
Drawing Office	The production of new working drawings	
Sales and Marketing Department	The production of advertising leaflets containing text and graphics	
Sales and Marketing Department	The production of promotional graphics showing light, shade and tone.	

KI 4

(b) State the name of a hardware device that the firm could use to send designs to offices abroad.

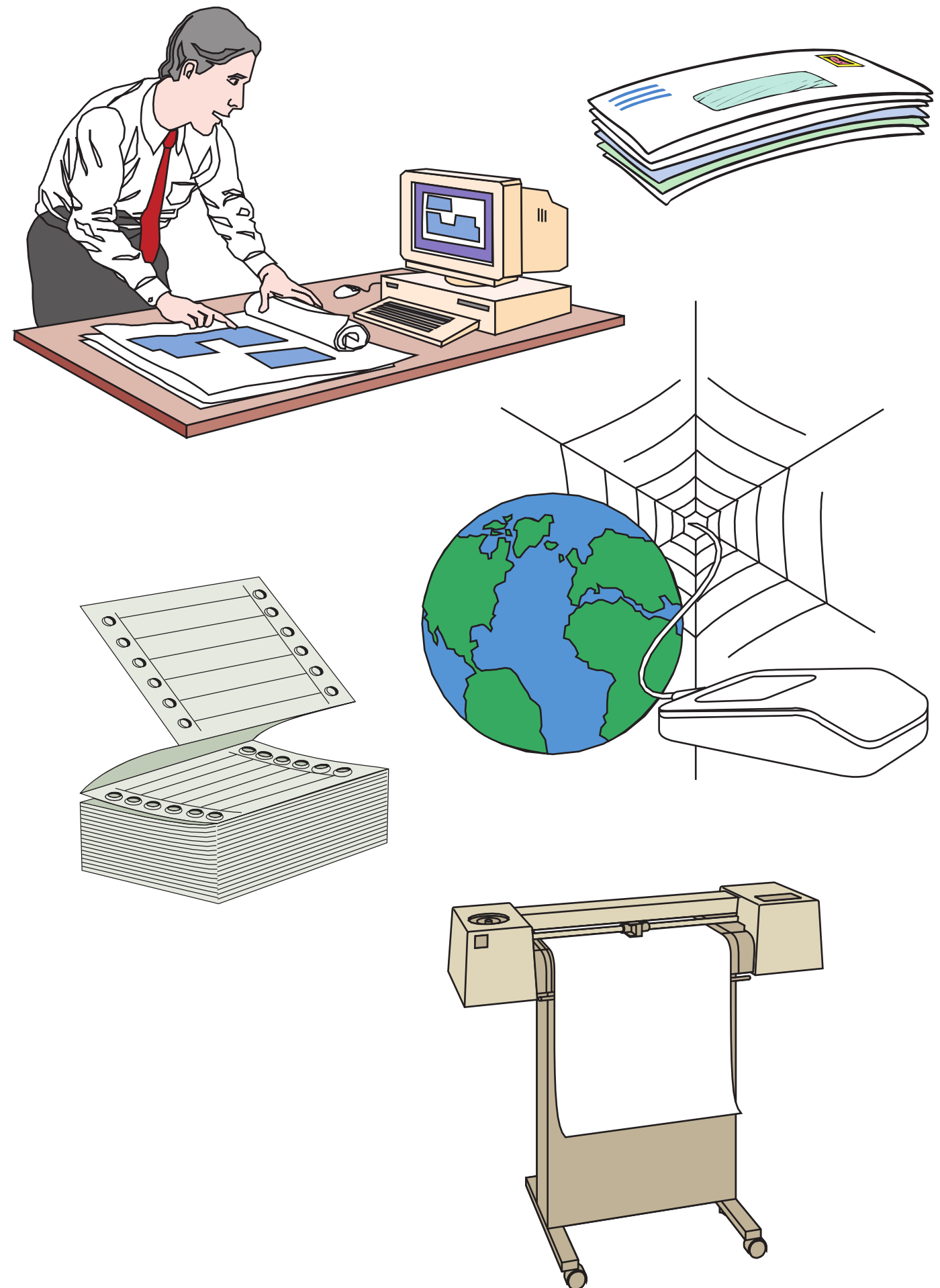
Hardware Device .....

KI 1

(c) State what is meant by the term backup when applied to computer data.

Answer .....

KI 1



Complete the table below by placing a tick ( ) to show whether the statement is an advantage or disadvantage of Computer Aided Graphics

Statement	Advantage	Disadvantage
The need to train staff in the use of computers		
The ability to create a library of commonly used parts		
The speed with which mistakes can be changed		
The cost of updating the software packages used		
The possible loss of data		
The storage of drawings takes up less space		
The speed with which new drawings are produced		
The greater accuracy of drawings		

KI 8