Name: _____   Date: _____

Fathom™

Fathom™ is a dynamic statistical software package. It will allow you to enter, modify, graph, and analyse data. The following overview will provide you with what you need to use *Fathom*™. The instructions work for *Fathom*™ 1 and *Fathom*™ 2. Screens shown here were created using *Fathom*™ 1.
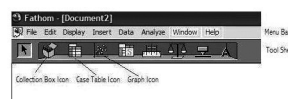
Start Fathom™

To access *Fathom*™, double-click the *Fathom*™ icon 🔘. This is located either on your desktop or on the **Start** menu.

The Menu Bar

The menu bar contains all the standard *Fathom*™ functions.

File Menu

Use this menu to open and save a *Fathom*™ document.

The Tool Shelf

Edit Menu

Use this menu to copy or cut selected items, and to paste previously copied items. You can also use this menu to undo operations you have performed in *Fathom*™.

The toolbar contains icons of the key objects. You can place new objects in the workspace by clicking on the desired icon, and dragging.
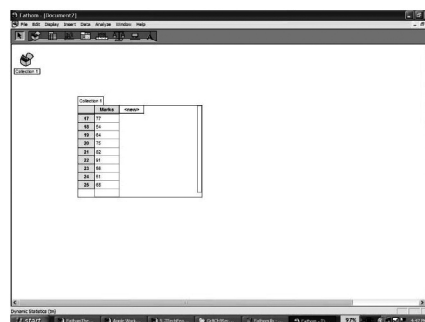
Case Table

To create and enter data into a case table:
• drag the **Case Table** icon from the **Tool Shelf** into the workspace
• click <new>. Type the attribute name you would like for the data, and press enter. The example used Marks.
• click in the box below the name, enter your data, and press enter
• continue until you have entered all the data items.

Collection Box

As you enter data into the case table, a small treasure chest will appear automatically and fill with gold balls. This is called a **Collection Box**. Each gold ball represents one row of data in the collection box.
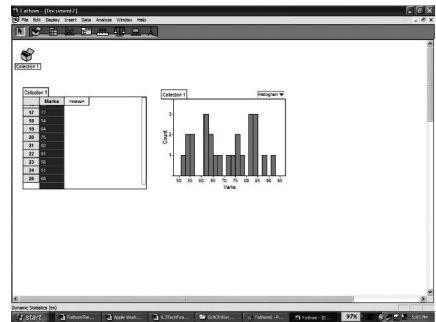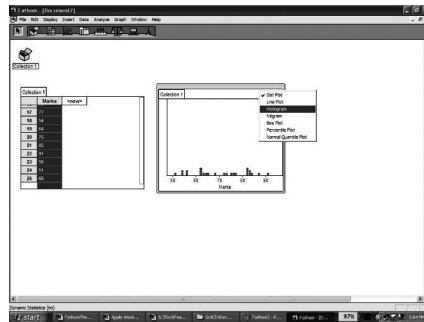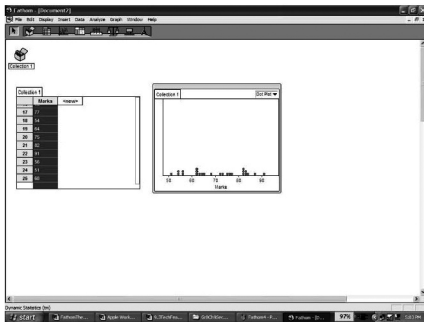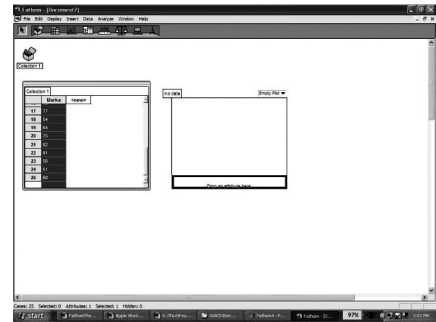
Name: _____   Date: _____

Fathom™

Graph Box

To create a graph of the data you have entered:

- Drag the **Graph** icon from the **Tool Shelf** into the workspace.

- Place the cursor over the name attribute you gave your data. The cursor will change to a hand. Click and the hand will change to a fist; all the data will be highlighted.

- Drag the fist over to the **Drop an attribute here** line, which is along the horizontal axis of the graph. Let go of the mouse button.

- A dot plot of the data will appear. To change this to a histogram, click the words "dot plot" in the right corner of the graph box and select histogram from the list.

- To change the appearance of your graph, double-click the body of the graph. An information box will appear. You can edit any item that is in blue.