

Guided Computer Tutorials

**Learning
Adobe
Photoshop
CS6
(Module 1)**

By Greg Bowden

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Learning Adobe Photoshop CS6

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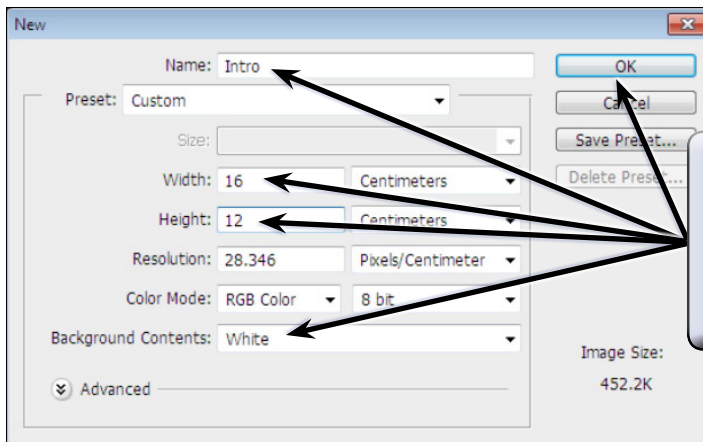
Photoshop Project 1

Introduction to Photoshop

Adobe Photoshop is an advanced photo editing and graphics program that allows you to create and edit photo quality images, and create your own artwork. In this Chapter you will be introduced to its screen and some of its basic features, such as Layers. Layers are the building blocks of using Photoshop and you need to develop an understanding of how to use them in order to use Photoshop effectively.

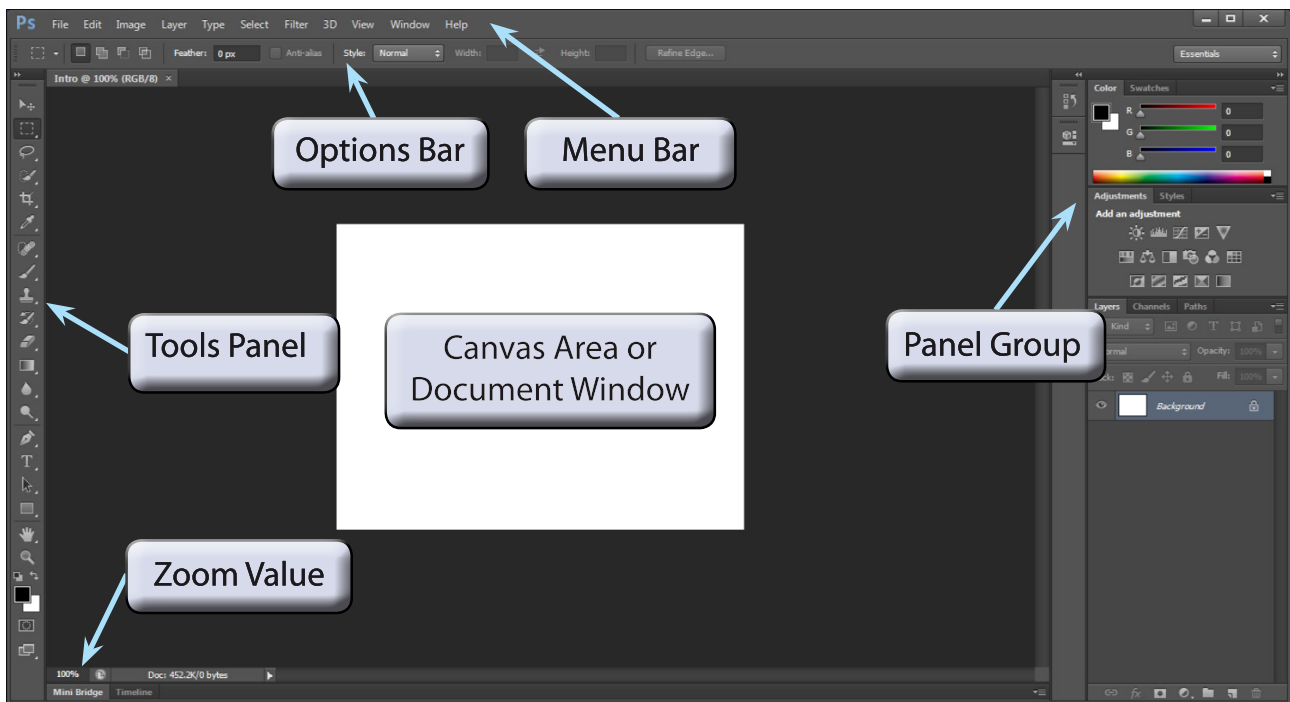
Loading Photoshop

- 1 Load Photoshop CS6 and you will receive the Photoshop screen.
- 2 Display the FILE menu and select NEW. You will be asked to enter the required settings for the page.



- 3 Enter the page NAME: Intro
Set the WIDTH to 16 cm, the HEIGHT to 12 cm, the BACKGROUND CONTENTS to WHITE and select OK.

- 4 A blank page should be created. The diagram at the top of the next page labels its sections.



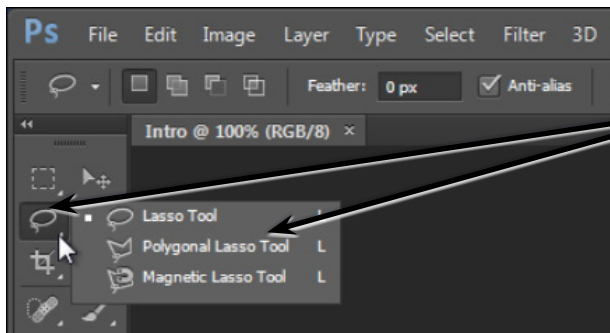
The Tools Panel

The TOOLS panel at the left of the screen provides general drawing and photo adjustment tools. The panel can be displayed as a single column or with the tools in two columns.



- 2 In these tutorials the TOOLS panel will be used as 2 columns, so click on the double arrows in the dark bar until the tools are displayed in 2 columns.

- 3 Tools that have a small arrow next to them have more tools within them.



- 4 Click and hold on the LASSO tool (the second left tool) and the three lasso tool types will be displayed.

- 5 Click and hold on some of the other tools to see what extra tools they contain.
- 6 The letter displayed next to a tool when you click and hold on it is the keyboard shortcut to select that tool. Try pressing the B key and the BRUSH TOOL should be selected.
- 7 Hold down the SHIFT key and press the E key a few times. The tools within the ERASER TOOL group will be toggled.

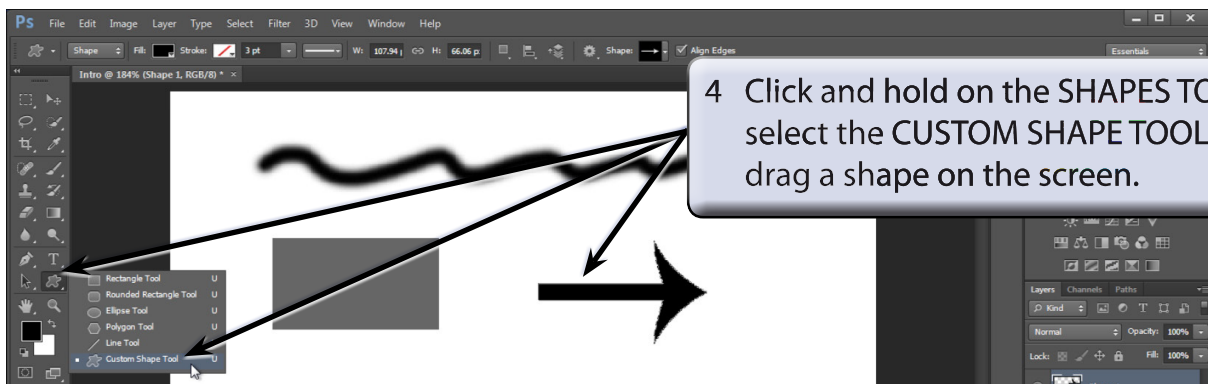
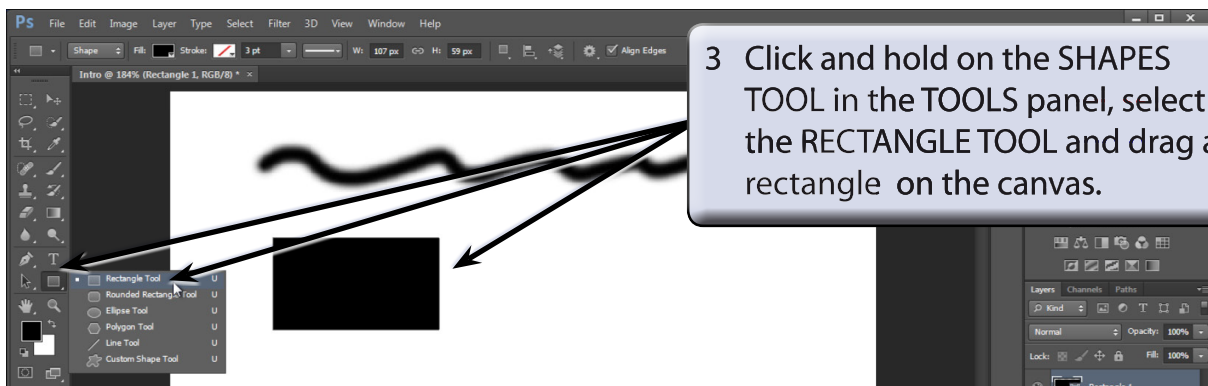
Using the Tools

We will have a quick look at some of Photoshop's basic drawing tools. You may need to click and hold on a tool to select it depending on who has used to program before you.

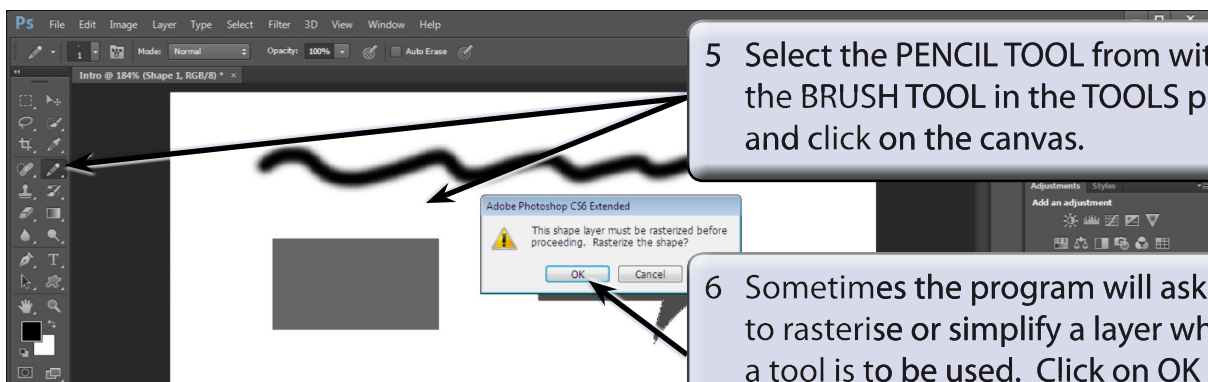
- 1 Display the VIEW menu and select FIT ON SCREEN to zoom the canvas so that it fills the available screen area.



- 2 Select the BRUSH TOOL from the TOOLS panel and try drawing some brush strokes on the canvas.



NOTE: Your shape may be different to the one displayed. The SHAPE box in the OPTIONS BAR at the top of the canvas can be used to select different shapes.



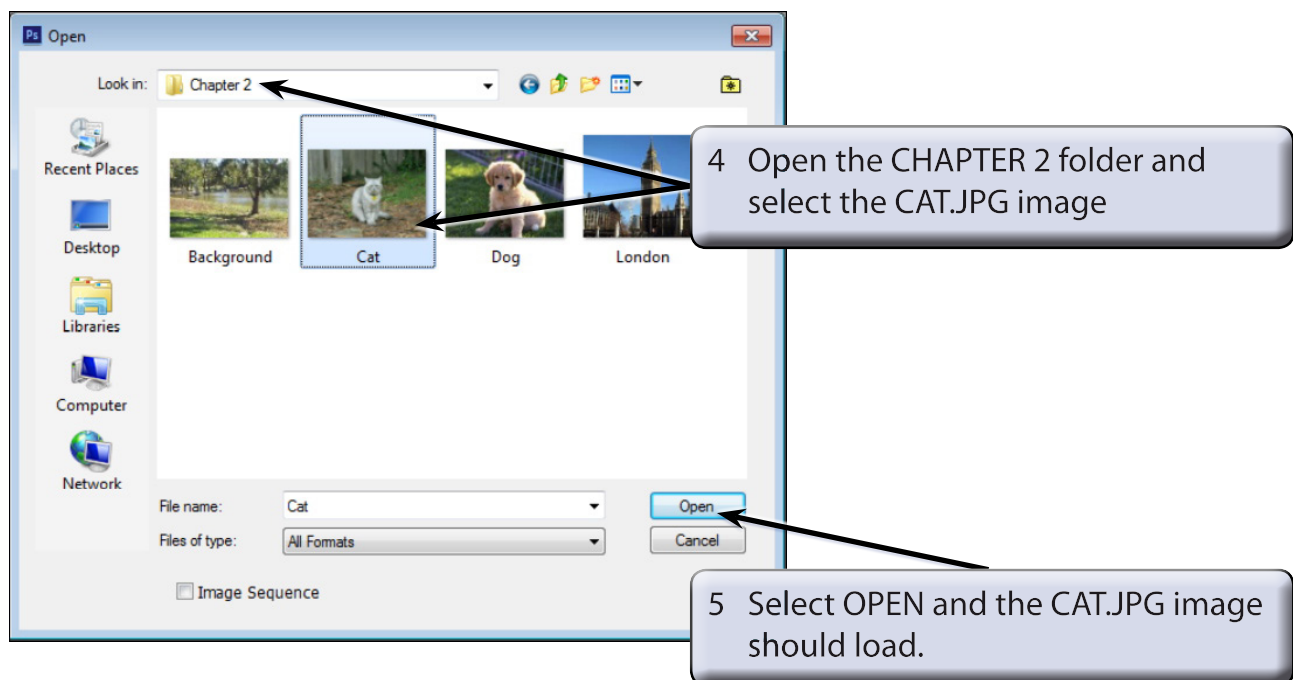
Selecting Parts of Images

An important feature of any graphics program is its ability to select parts of images. This might include separating a image from its background or removing a background. In this chapter you will learn how to select parts of images using a variety of different tools.

Loading a Sample Image

A sample photo will be opened and some editing carried out on it.

- 1 Load Photoshop or close the current file.
- 2 Display the FILE menu and select OPEN.
- 3 Access the PSCs6 SUPPORT FILES folder.



- 6 Press CTRL+0 or COMMAND+0 to set the zoom to FIT ON SCREEN so that the image fills the screen.

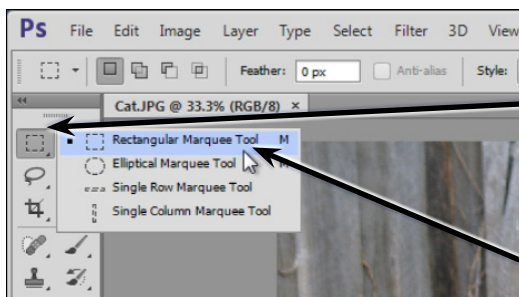
The Editing Tools

Photoshop offers numerous ways of selecting parts of a drawing. Some of them are the basic, such as the EDIT MARQUEE TOOL and the LASSO TOOL, however, some are much more powerful, such as the QUICK SELECTION TOOL and the MAGIC WAND TOOL.

The Edit Marquee

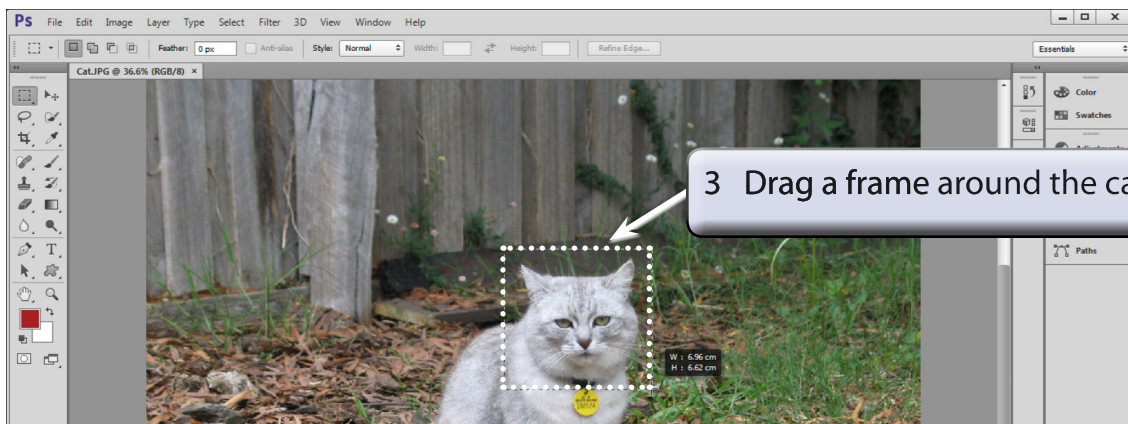
There are two main edit marquees, one is rectangular and the other is an oval.

A The Rectangular Marquee Tool



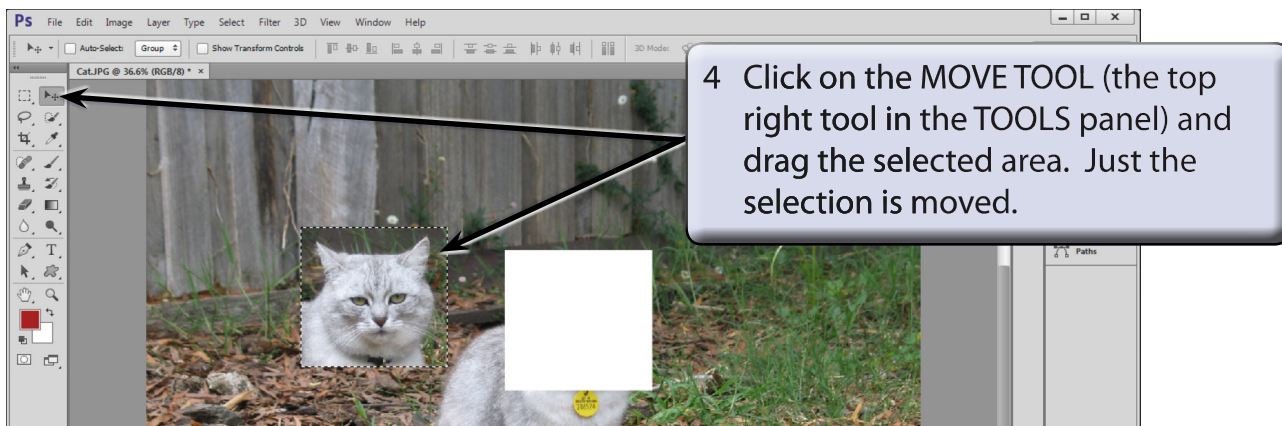
1 Move the pointer over the EDIT MARQUEE TOOL (the top left tool) in the TOOLS panel, hold down the mouse button and the edit marquees should be displayed.

2 Select the RECTANGULAR MARQUEE TOOL.



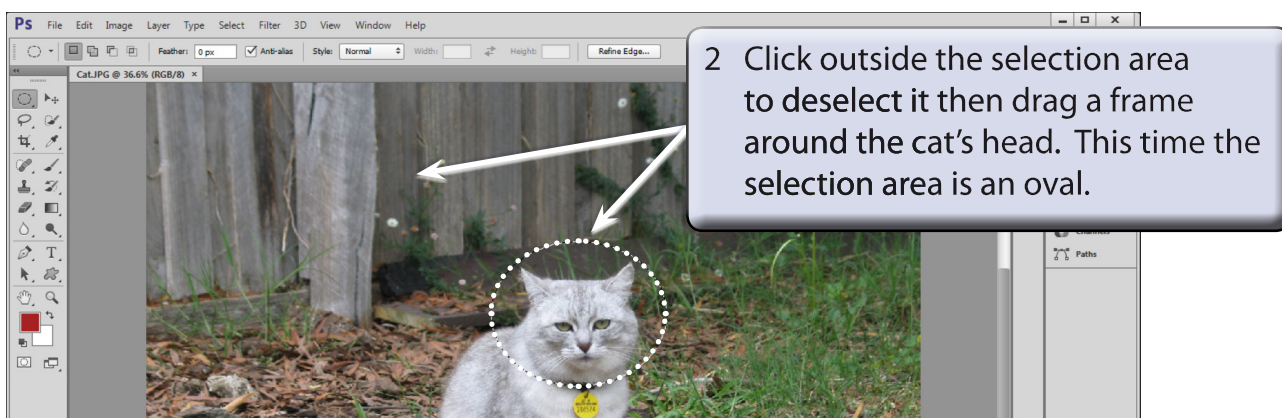
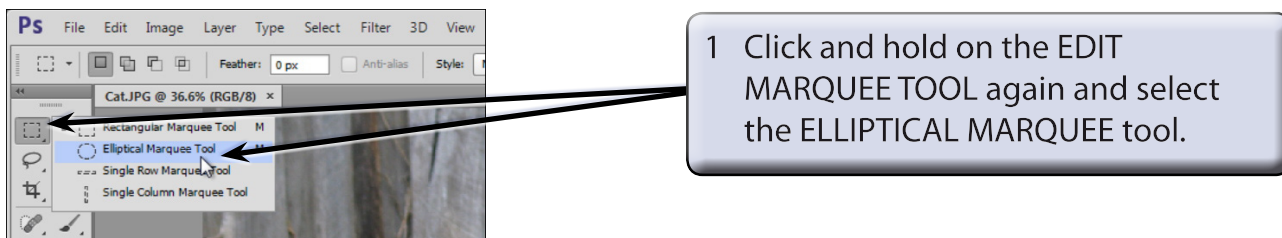
3 Drag a frame around the cat's head.

NOTE: A frame of 'marching ants' is added to the screen to highlight the selection. This selected area can be moved, copied, rotated, resized, transformed and adjusted.

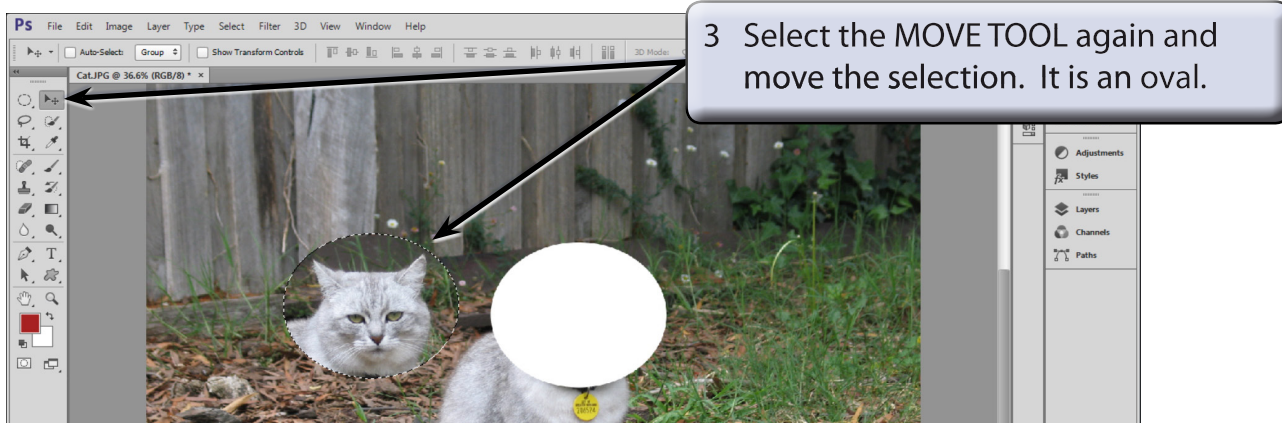


- 5 Press CTRL+Z or COMMAND+Z (or select UNDO MOVE from the EDIT menu) to return the selected area to its original position.

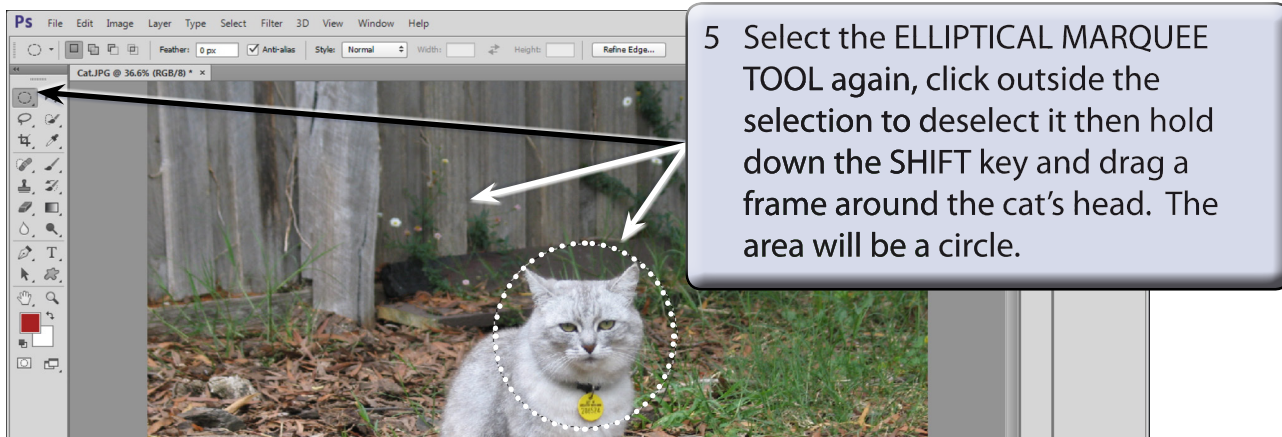
B The Elliptical Marquee Tool



NOTE: When you select the EDIT MARQUEE TOOL you can press **SHIFT+M** to toggle between the tools contained within the EDIT MARQUEE TOOL.



4 Press CTRL+Z or COMMAND+Z to undo the move.



NOTE: The SHIFT causes the ellipse to be a circle. If you hold down the SHIFT key and drag the RECTANGULAR MARQUEE TOOL, a square selection area is drawn.

Deselecting Objects

When you select an area on the screen it remains selected until you select another area. To turn a selection off:

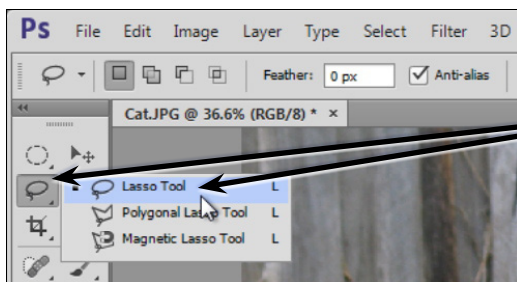
Press CTRL+D or COMMAND+D and the selection should be removed.

The Lasso Tools

The LASSO tools allow you to make more detailed area selections. There are three LASSO tools. The normal LASSO TOOL that you may have used in paint programs before, the POLYGON LASSO TOOL and the MAGNETIC LASSO TOOL.

A The Lasso Tool

The LASSO TOOL allows you to select freehand areas of an image.



- 1 Click and hold the mouse button on the LASSO TOOL in the TOOLS panel and the three LASSO TOOLS should be displayed. Select the LASSO TOOL.



- 2 Drag an area around the cat and, when you reach the starting point, release the mouse button.

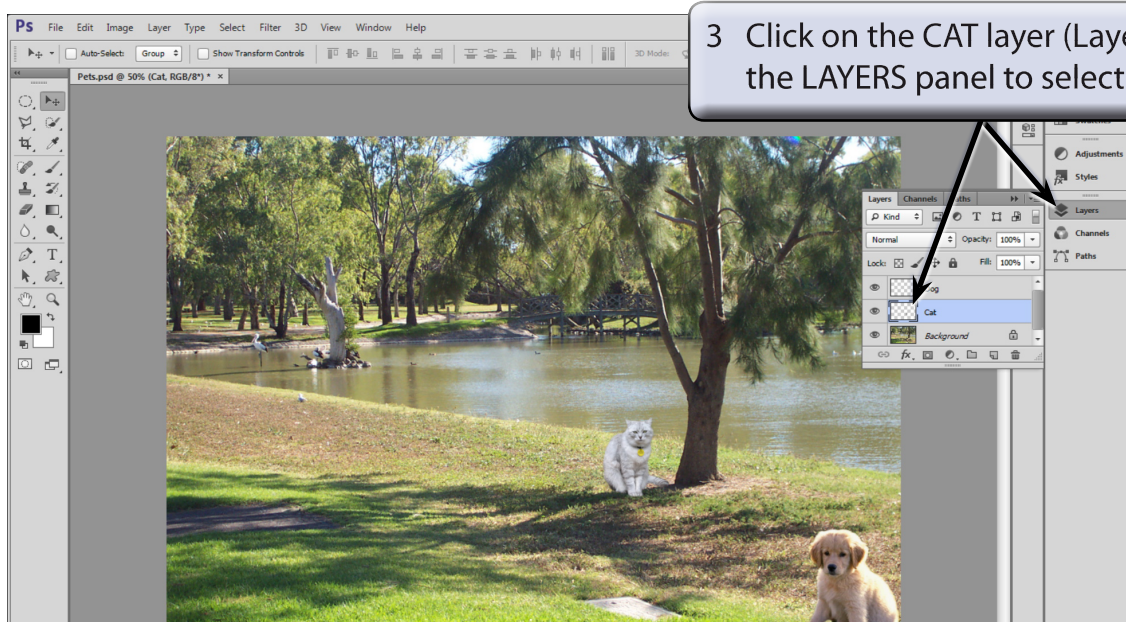
Modifying Images

Photoshop allows you to make extensive changes to images. In this chapter we will look at a few examples including distorting photos and applying filters and effects.

Selecting the Correct Layer

Each time you pasted an object into the Pets background the new object was placed in a separate layer. So the background is in one layer, the cat in another layer and the dog in a third layer. To edit an object you must select the layer that it is in.

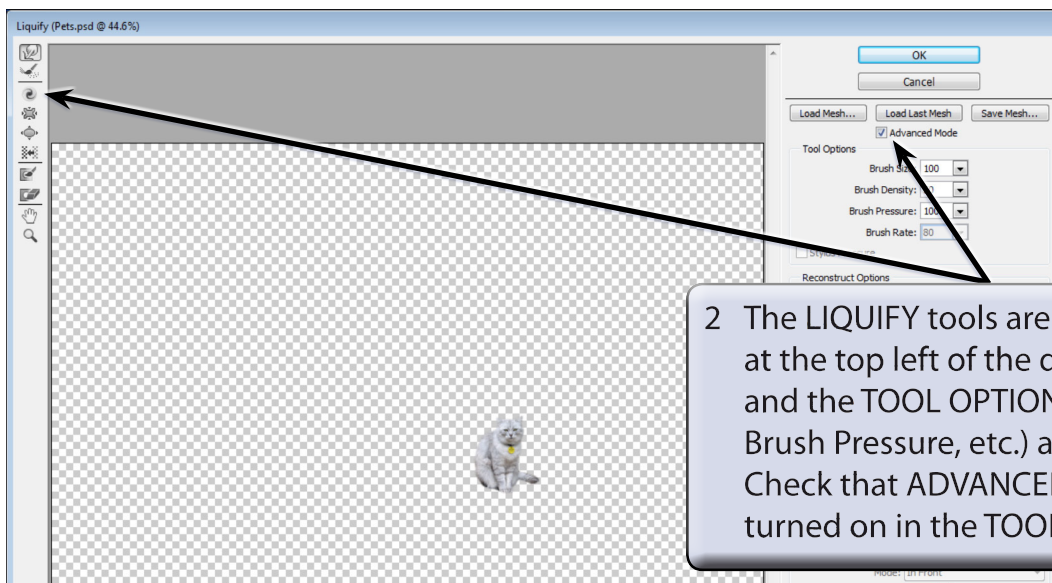
- 1 Load Photoshop and open your PETS file.
- 2 When you wish to edit part of a picture you select the appropriate layer.



The Liquify Filter

The LIQUIFY filter allows you to modify the appearance of an image in a layer.

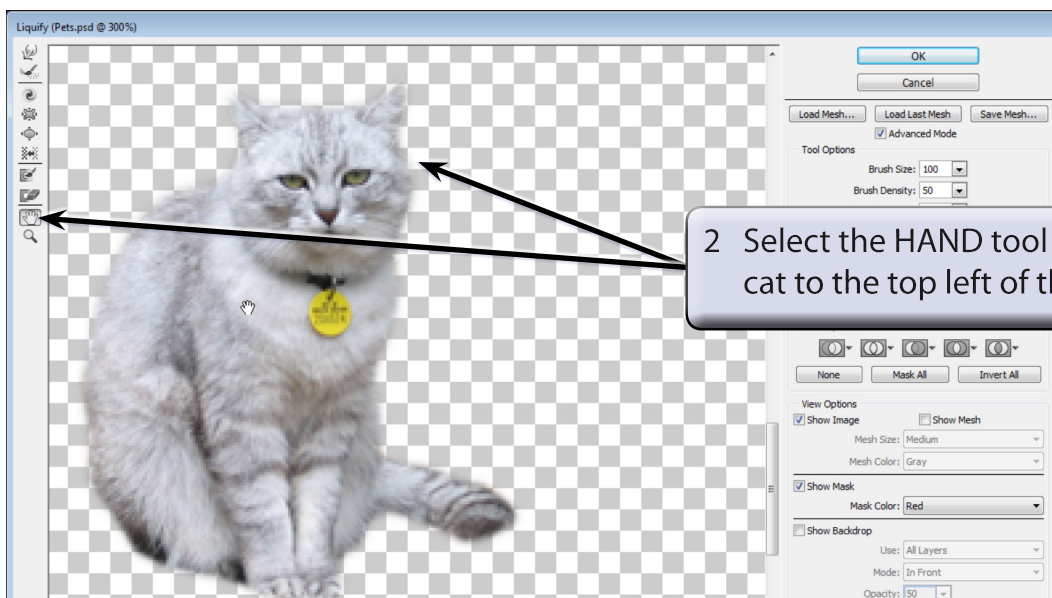
- 1 Display the FILTER menu and select LIQUIFY. The cat should be displayed in the LIQUIFY dialogue box.



A The Hand Tool

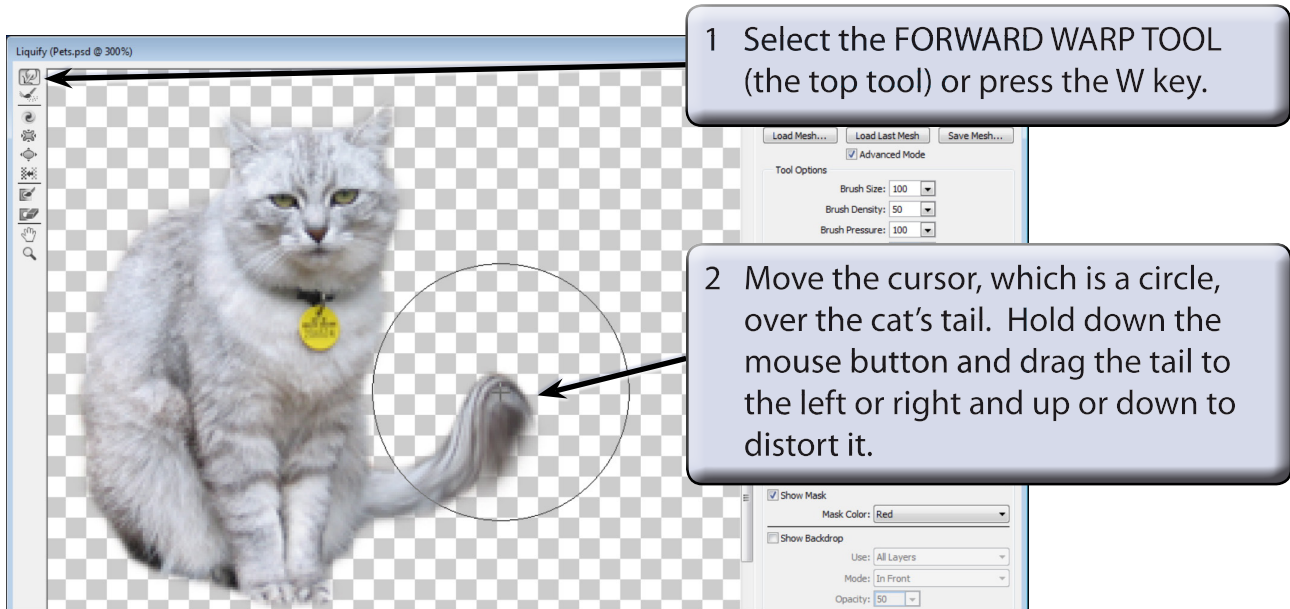
The HAND TOOL allows you to drag the image around the view area.

- 1 Press CTRL+ a few times on the Windows system or COMMAND+ a few times on the Macintosh system to zoom in on the cat.

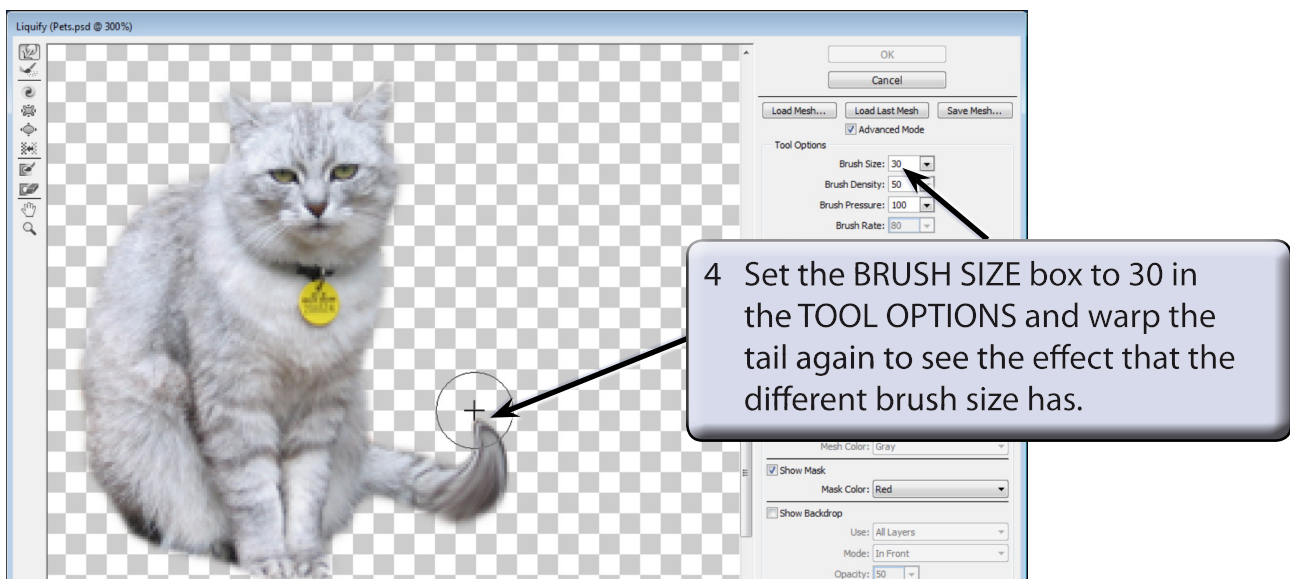


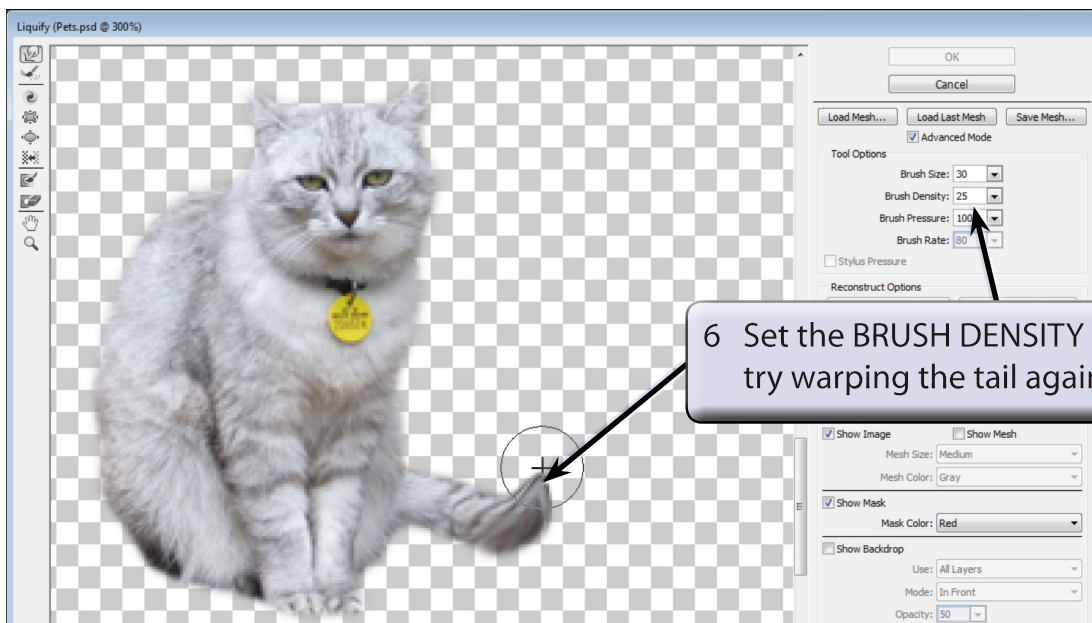
B The Forward Warp Tool

The FORWARD WARP TOOL pushes pixels (screen units) forward as you drag the mouse.

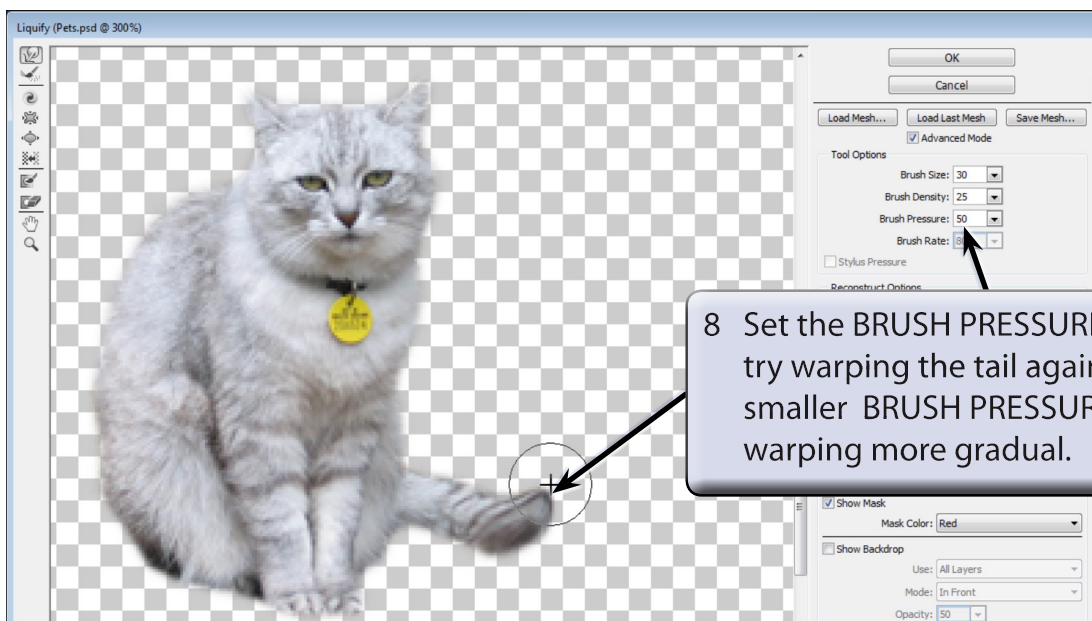


- 3 Click on the RESTORE ALL button in the TOOL OPTIONS at the right of the dialogue box and the image will be returned to its original state (you can also press CTRL+Z or COMMAND+Z to UNDO the last step of the effect).





- 7 Click on the RESTORE ALL button to UNDO the effect.



- 9 Click on the RESTORE ALL button to UNDO the effect.

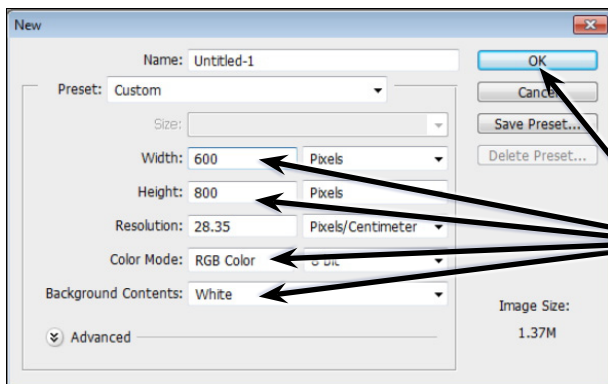
Creating a Detailed Sketch

To practice the use of layers and the drawing tools that Photoshop provides, the following sketch of a road leading to the ocean will be created.



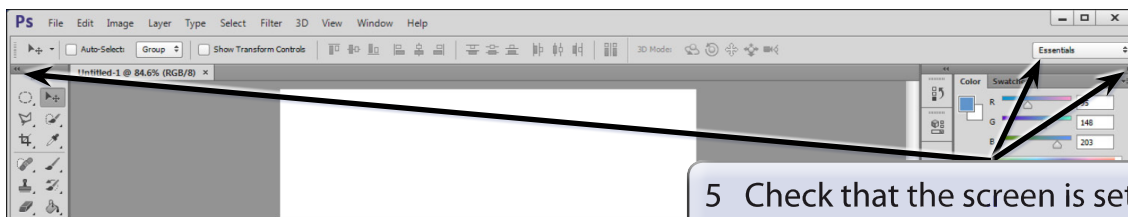
Starting the Document

- 1 Load Adobe Photoshop CS6 or close the current documents.
- 2 Display the FILE menu and select NEW.



- 3 Set the WIDTH to 600 pixels, the HEIGHT to 800 pixels,, the COLOUR MODE to RGB COLOUR, the BACKGROUND COLOUR to WHITE and select OK.

- 4 Press CTRL+0 or COMMAND+0 to set the screen view to FIT ON SCREEN, which will allow you to see the whole canvas.



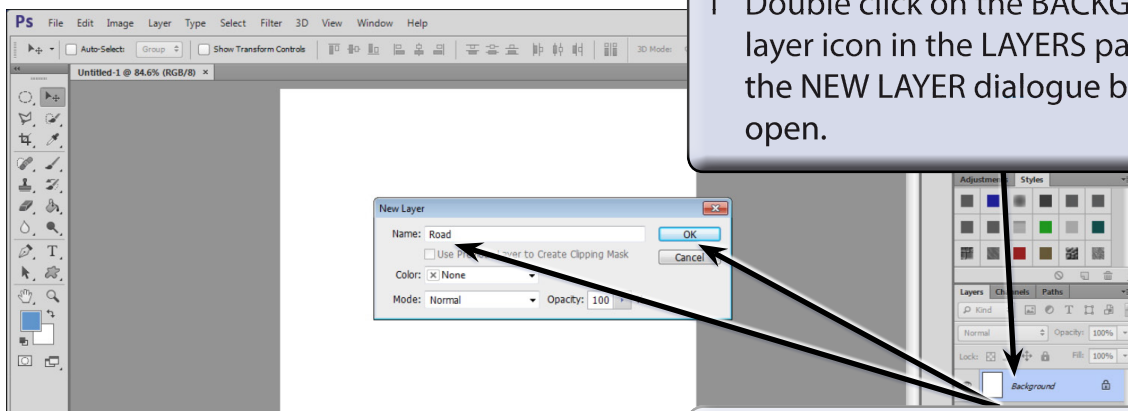
5 Check that the screen is set to the ESSENTIALS workspace, expand the PANEL GROUP and set the TOOLS panel to 2 columns.

Creating the Road and Hill

The first part of the sketch will involve creating a road that appears to flow away from the viewer, with a hill to its right.

A Naming the First Layer

When you start a new Photoshop document a BACKGROUND layer is created and locked. The layer can be renamed and unlocked.

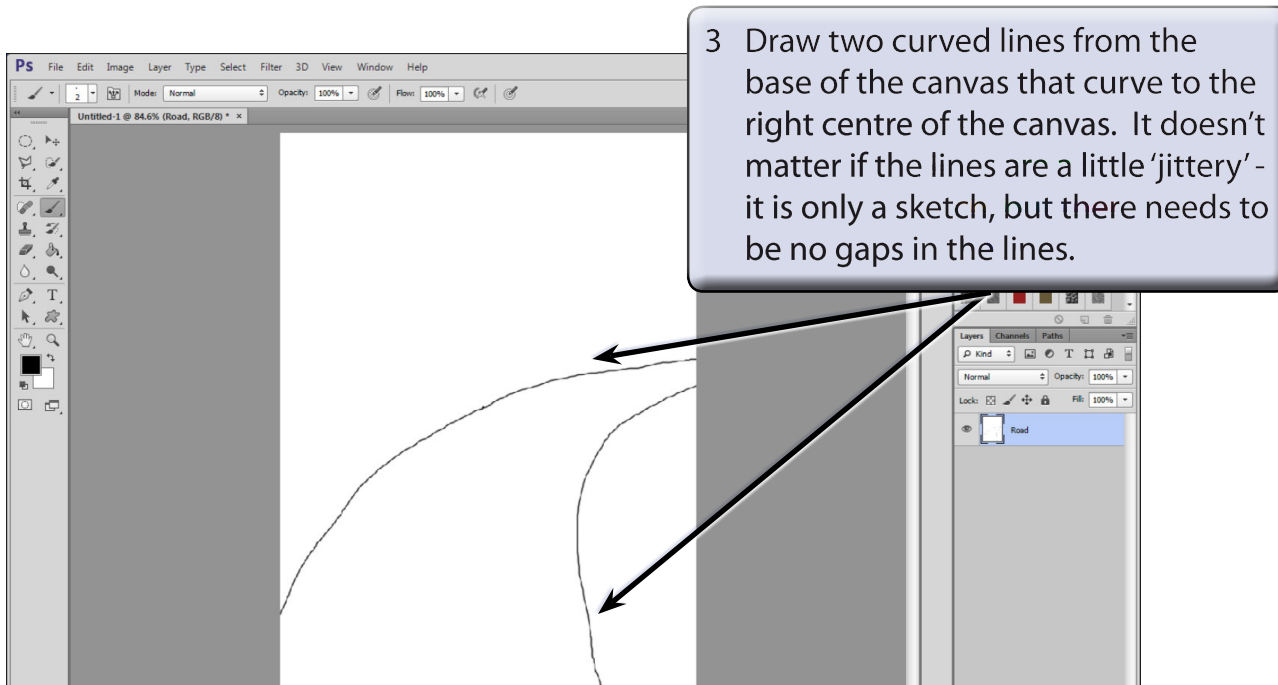
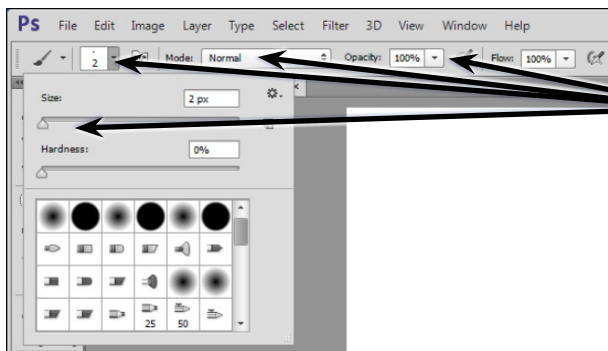
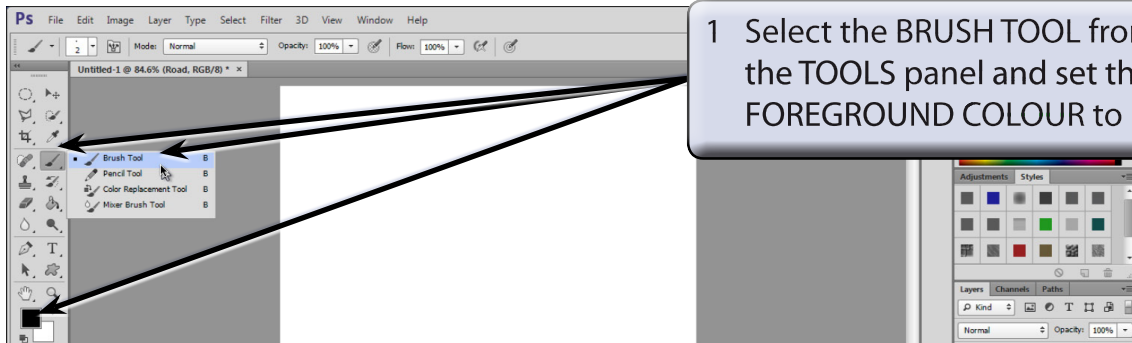


1 Double click on the BACKGROUND layer icon in the LAYERS panel and the NEW LAYER dialogue box should open.

2 Set the name of the layer to:
Road
and select OK.

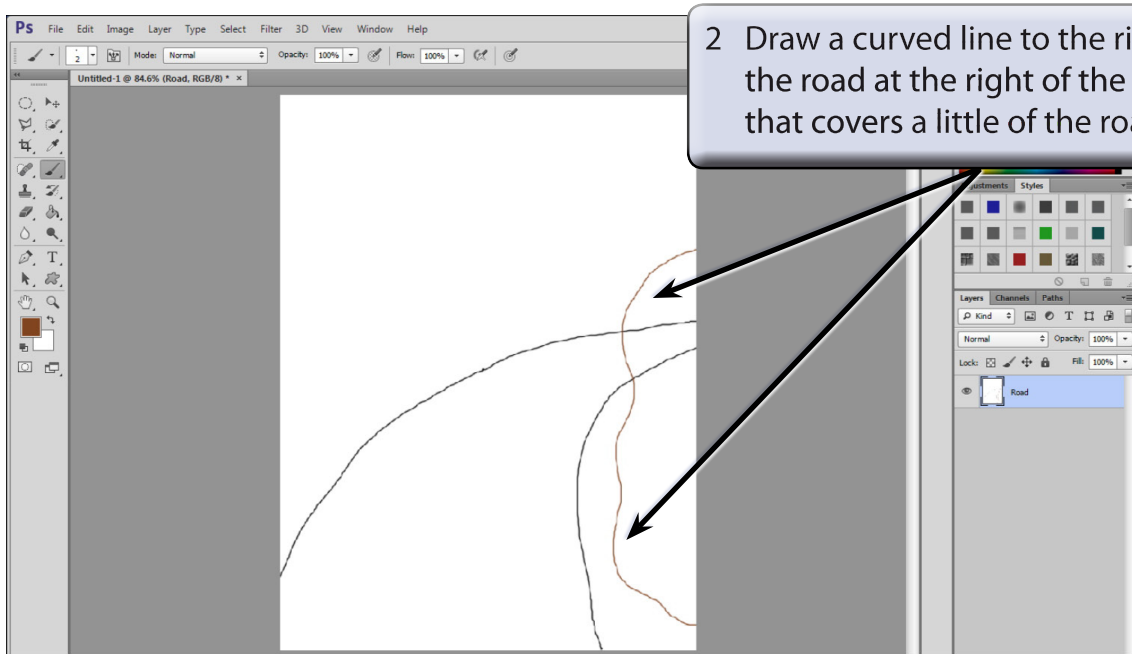
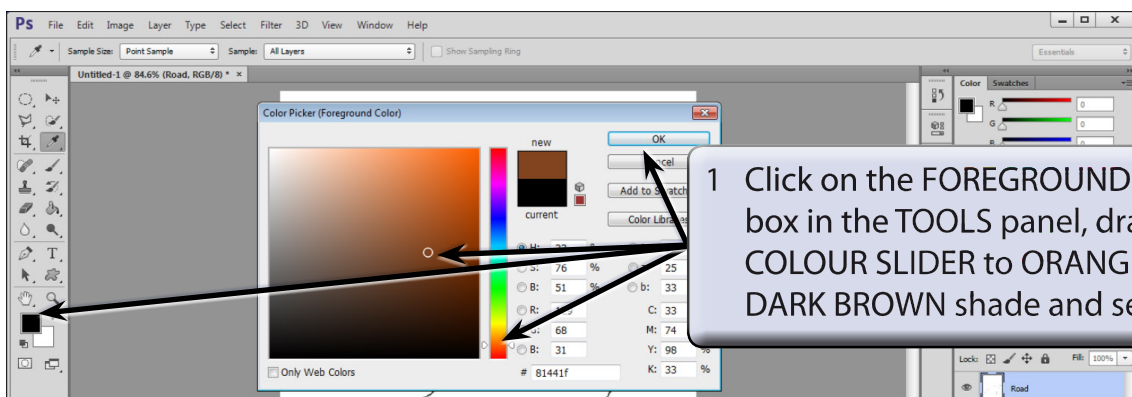
3 Renaming the BACKGROUND layer unlocks the layer.

B Creating the Outline of the Road



NOTE: If you make a mistake with the lines, press **CTRL+Z** or **COMMAND+Z** to undo the line and try again. It may take a few goes to get the lines looking the way you want them to, and you need to draw over any gaps.

C Creating the Outline of the Hill

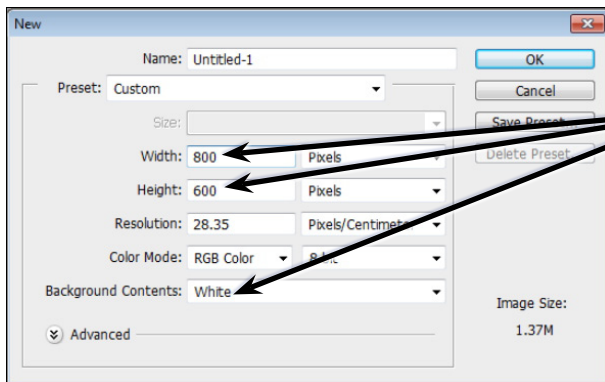


Drawing Shapes

Photoshop provides a range of shapes that can be used with photos or in the creation of your own designs. These tools allow you to create web page buttons, borders for photos, company logos, artistic designs and so on.

Starting a Blank Document

- 1 Load Photoshop or close the current file.
- 2 Display the FILE menu and select NEW.



- 3 Set the WIDTH to 800 pixels, the HEIGHT to 600 pixels and the BACKGROUND CONTENTS to WHITE.

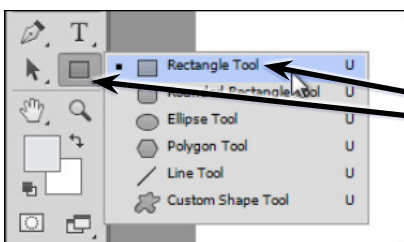
- 4 Select OK to start the document and set the zoom to FIT ON SCREEN.

Drawing Normal Shapes

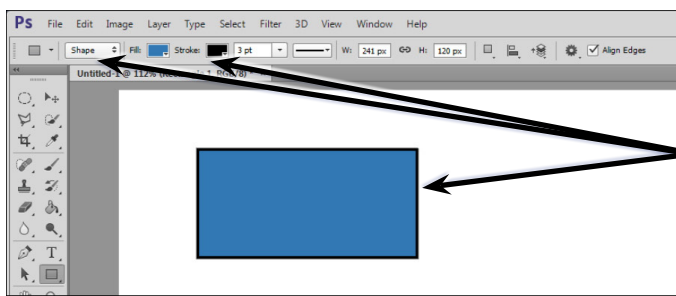
Photoshop provides the normal drawing shapes such as rectangles, ellipses, polygons and lines.

A Drawing Rectangles

- 1 The SHAPES TOOL is at the lower section of the TOOLS panel. It may contain a rectangle, ellipse, line or custom shape depending on which tool was used last.

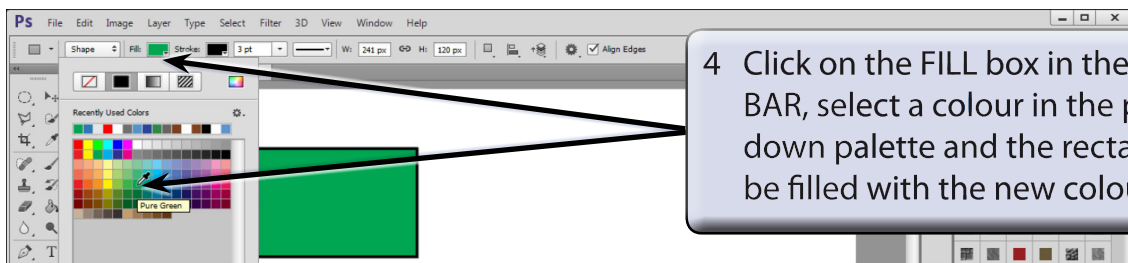


- 2 Click and hold the mouse button on the SHAPES TOOL in the TOOLS panel and select the RECTANGLE TOOL from the pop-up list of tools.



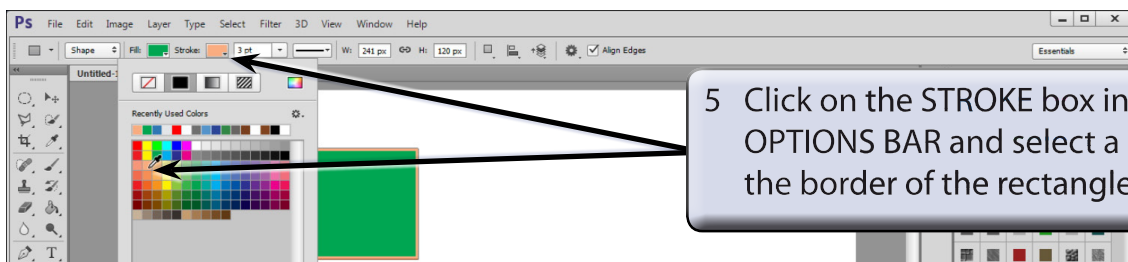
3 In the OPTIONS BAR the PICK TOOL MODE box should be set to **SHAPE**, drag a rectangle on the canvas and it will be filled with the **FILL** colour displayed in the OPTIONS BAR and have a border colour displayed in the **STROKE** box.

NOTE: When the **PICK TOOL MODE** box is set to **SHAPE** a new layer is created each time a shape is drawn. The **PATH** and **PIXELS** options will be covered in later chapters.

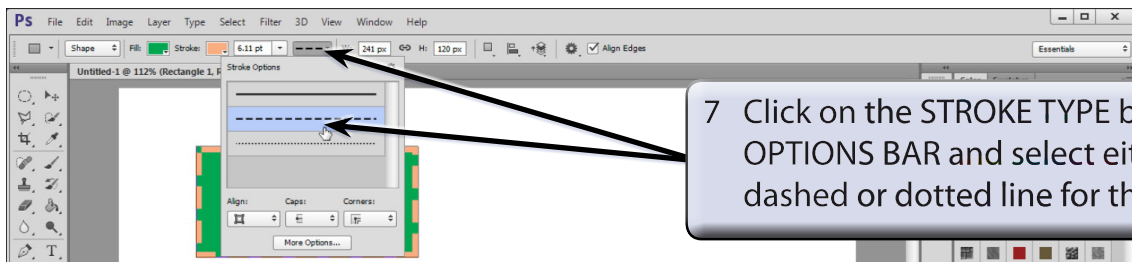
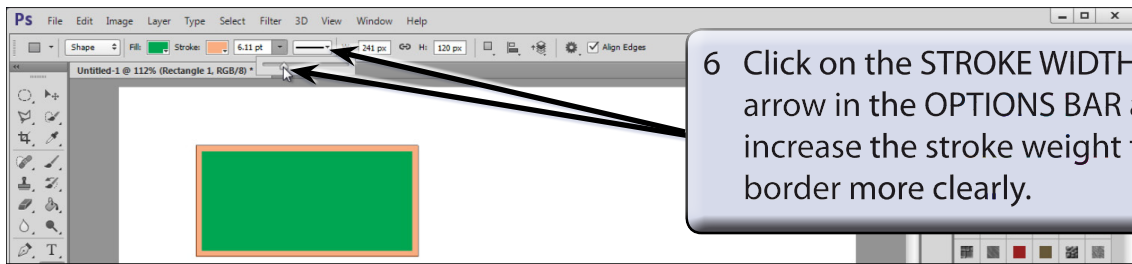


4 Click on the **FILL** box in the OPTIONS BAR, select a colour in the pop-down palette and the rectangle will be filled with the new colour.

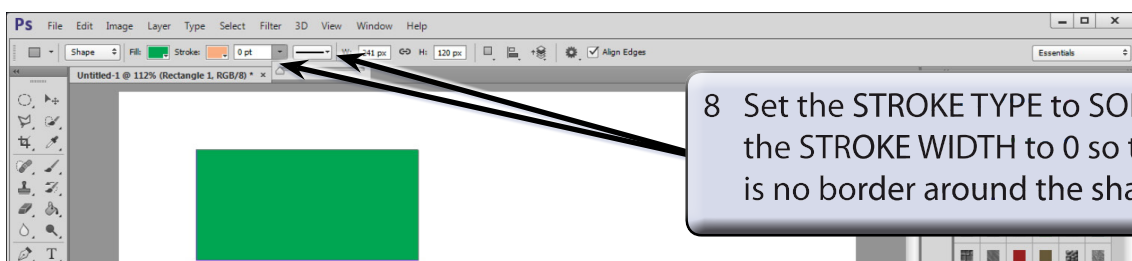
NOTE: There are **GRADIENT**, **PATTERN** and **COLOUR PICKER** boxes at the top of the **FILL** palette that can be used to apply different types of fills. The **NO COLOUR** box at the top left removes the fill and makes the shape transparent.



5 Click on the **STROKE** box in the OPTIONS BAR and select a colour for the border of the rectangle.

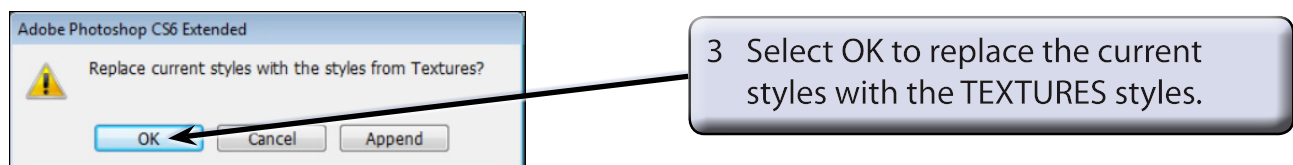
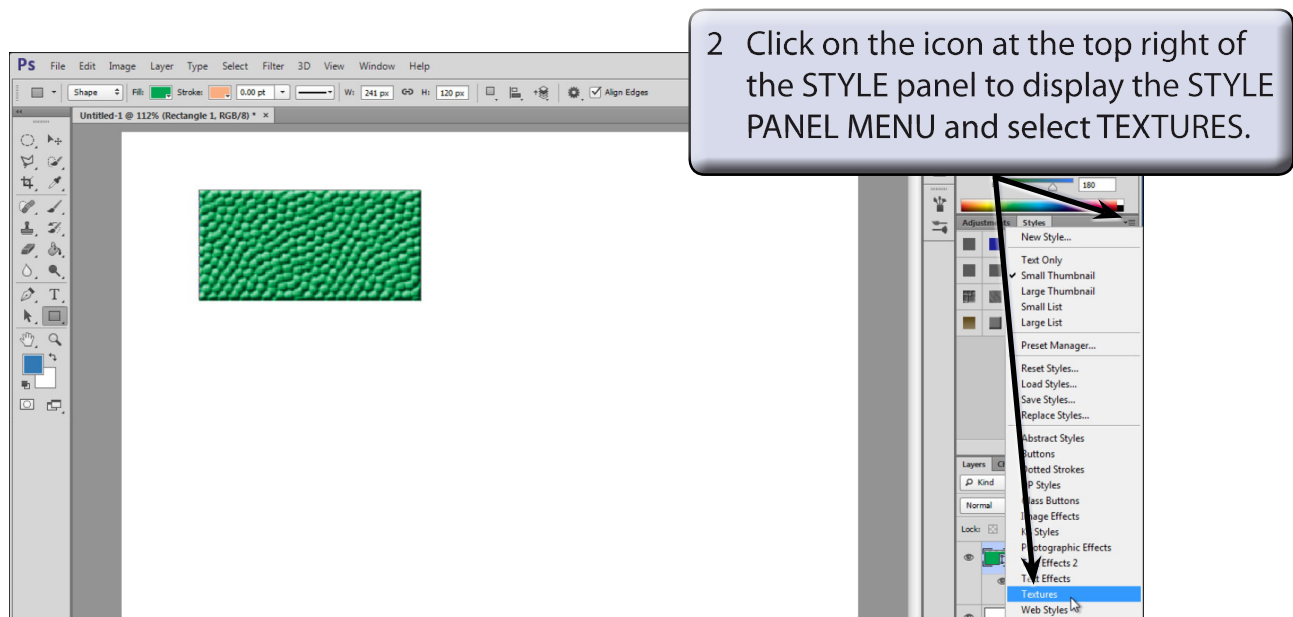
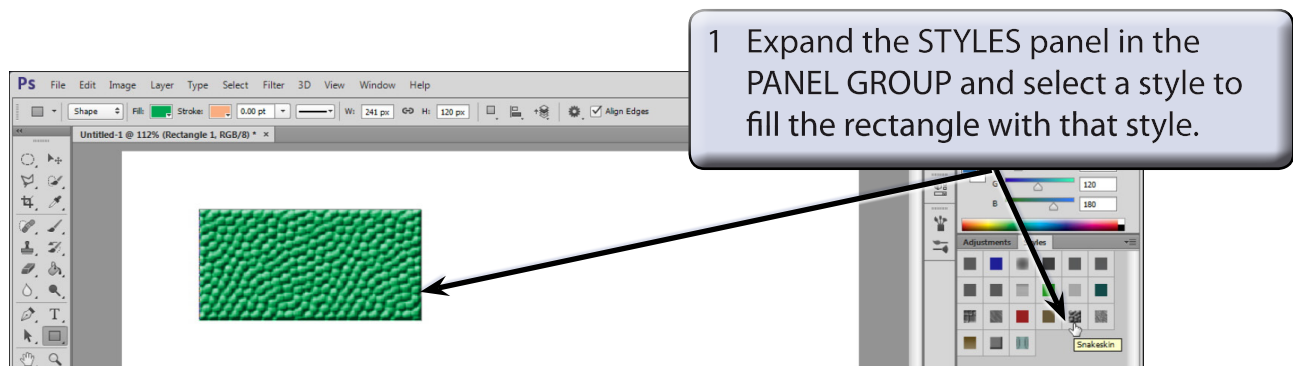


- NOTE:**
- i There are more options at the base of the **STROKE TYPE** palette that allow you to control the border appearance.
 - ii The **W** and **H** boxes in the **OPTIONS BAR** allow you to accurately set the dimensions of the shape.



B Rectangle Styles

There are numerous styles that can be applied to a shape.

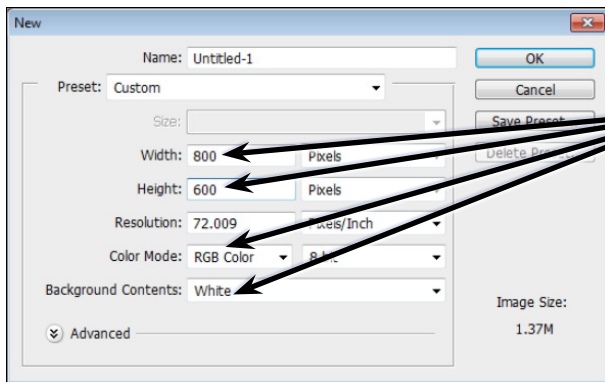


Adjusting Shapes

You can add or subtract one shape to or from another. This can be useful when adding drawings to photos and in the creation of designs.

Starting a New Document

- 1 Load Photoshop or close the current files.
- 2 Display the FILE menu and select NEW.



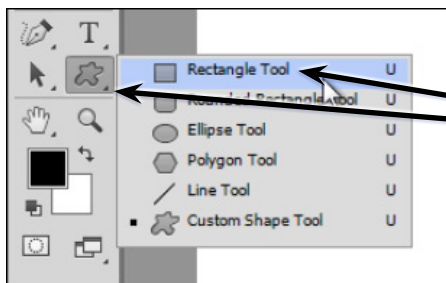
- 3 Set the WIDTH to 800 pixels, the HEIGHT to 600 pixels, the COLOUR MODE to RGB COLOUR and the BACKGROUND CONTENTS to WHITE.

- 4 Select OK to start the new document.

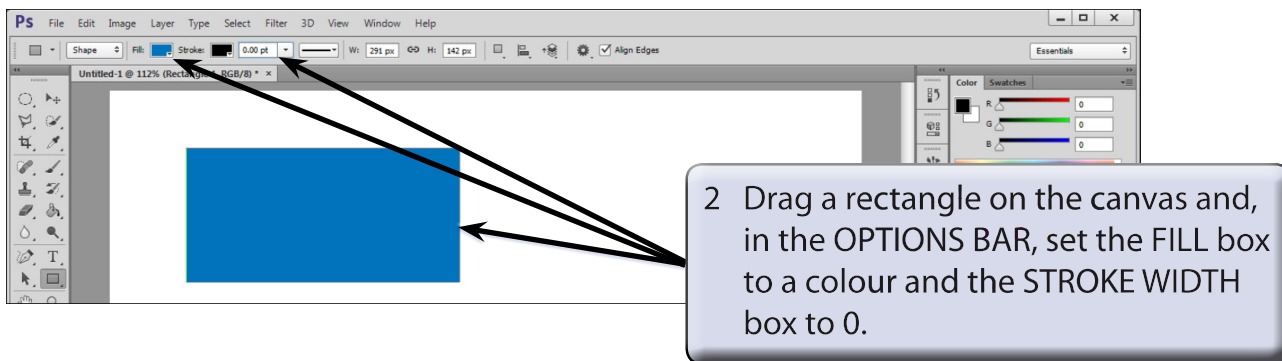
Creating a Combined Shape

A shape will be created that combines a number shapes.

A Drawing a Rectangle

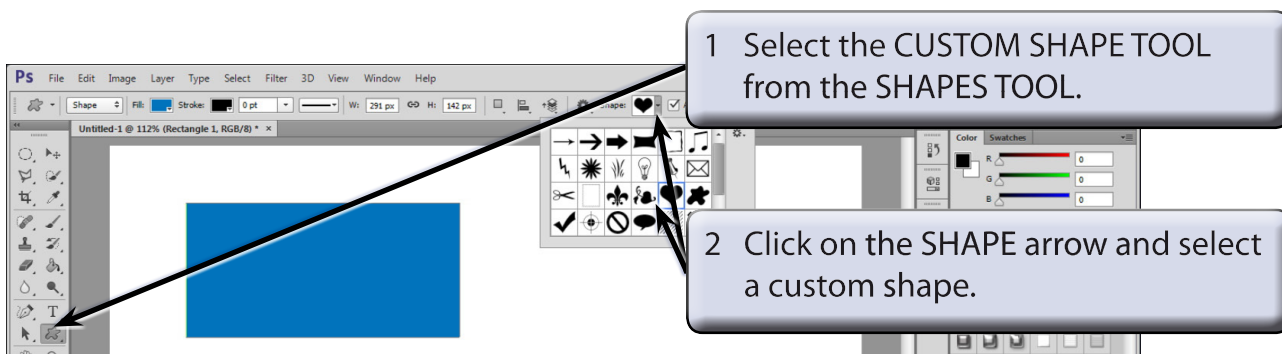


- 1 Click and hold the mouse button on the SHAPES TOOL in the TOOLS panel and select the RECTANGLE TOOL from the pop-up list of tools.

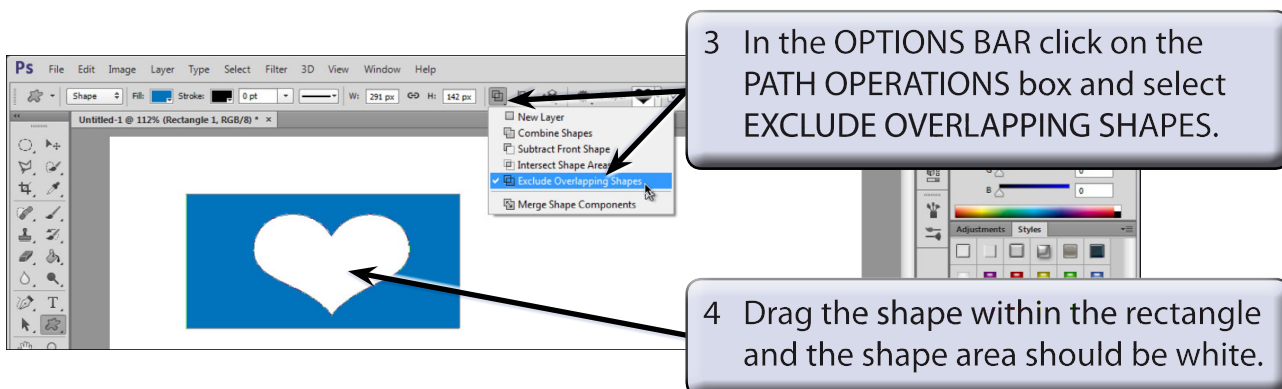


B Cutting a Shape Out of the Rectangle

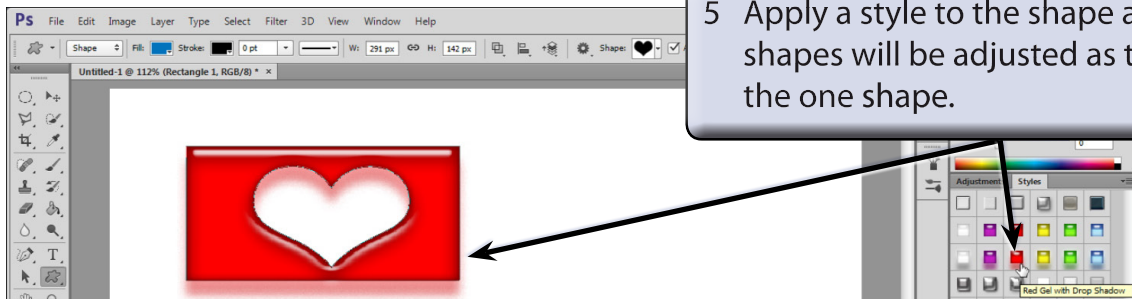
A custom shape can be cut from the rectangle.



NOTE: You can use the SHAPES PANEL MENU icon to select RESET SHAPES to return the default custom shapes to the SHAPES panel.

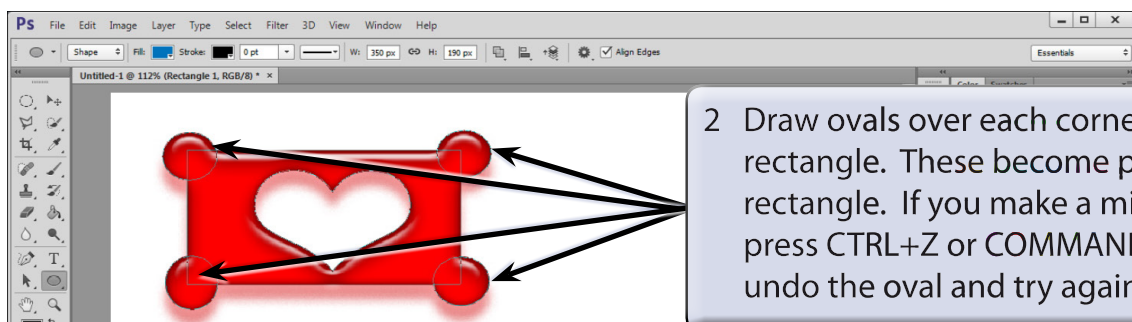
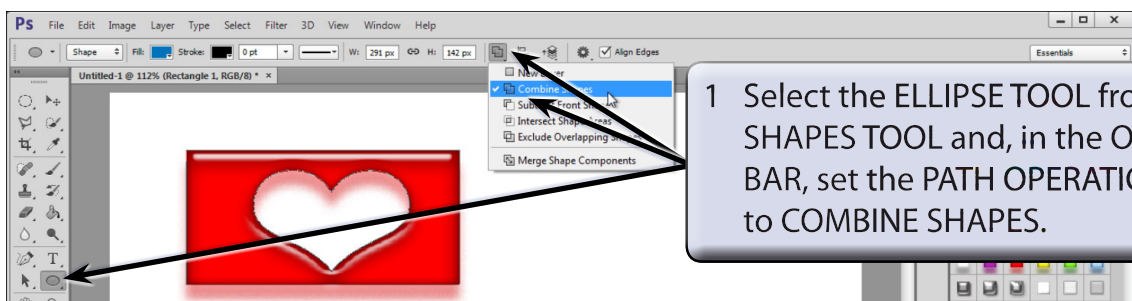


NOTE: The custom shape is white as that is the background colour and the shape has cut a hole in the rectangle. So you are seeing the background through the shape.



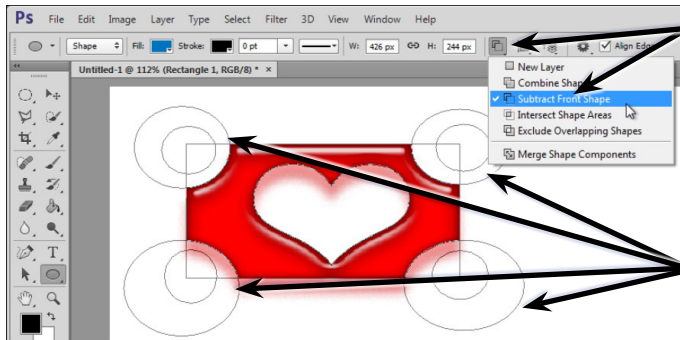
C Adding Shapes to Shapes

Shapes can be permanently added to other shapes.



D Subtracting From the Shape

Shapes can be used to remove parts of other shapes.

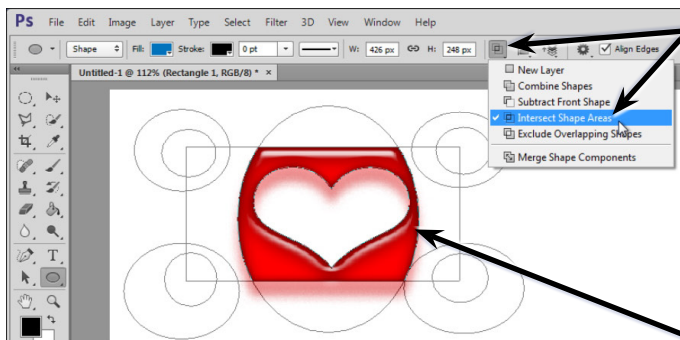


1 With the ELLIPSE TOOL still selected select SUBTRACT FRONT SHAPE from the PATH OPERATIONS box.

2 Draw ovals over the ovals at each corner of the rectangle. This time the new shape erases the parts of the other shapes it covers.

E Intersecting Shapes

You can draw a shape over another shape so that just the intersection between the two shapes is displayed.



1 With the ELLIPSE TOOL still selected, select INTERSECT SHAPE AREAS from the PATH OPERATIONS box.

2 Draw an oval around the cut out shape and just the area where the oval and the shape intersect will be displayed.

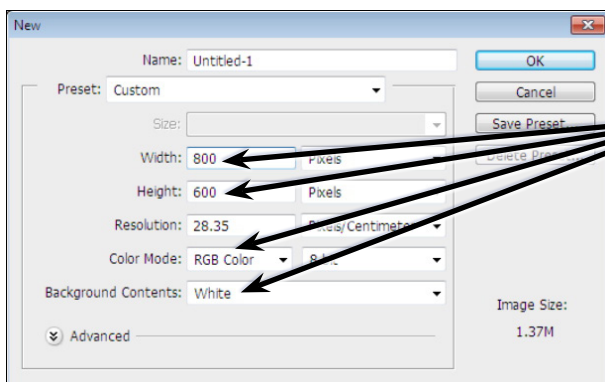
- 3 You can erase the outlines of the combined shapes so that just the remaining shape is displayed.

Adding Text to Designs

Text can be added to photographs and manipulated. There are text effects available to curve letters, display them vertically, set text to follow a path and applying similar effects to those you added to shapes in the last chapter.

Starting a New Document

- 1 Load Photoshop or close the current file and select NEW from the FILE menu.

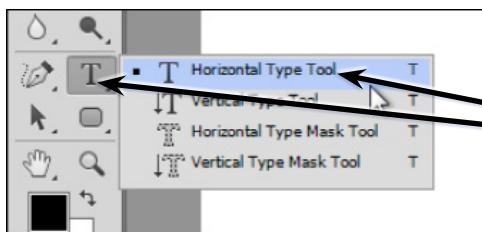


- 2 Set the WIDTH to 800 pixels, the HEIGHT to 600 pixels, the COLOUR MODE to RGB COLOUR and the BACKGROUND CONTENTS to WHITE.

- 3 Select OK to start the page.

Entering Text

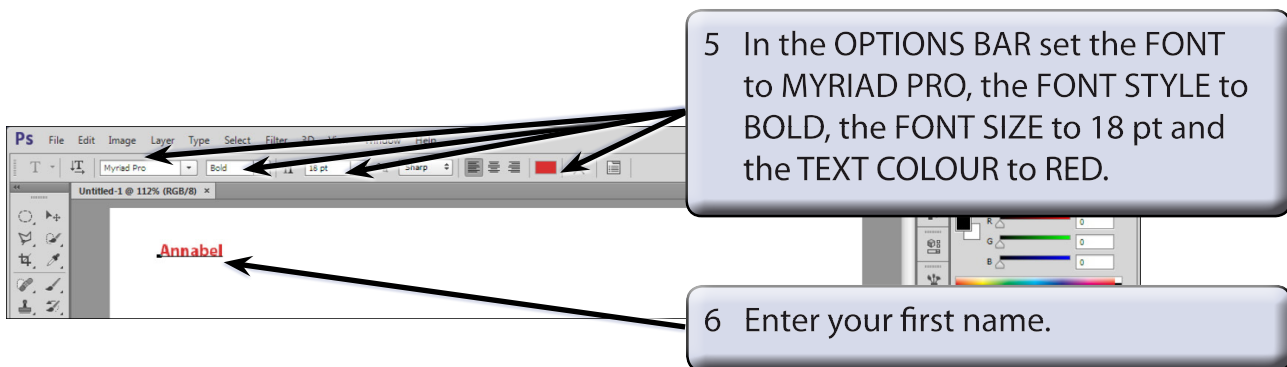
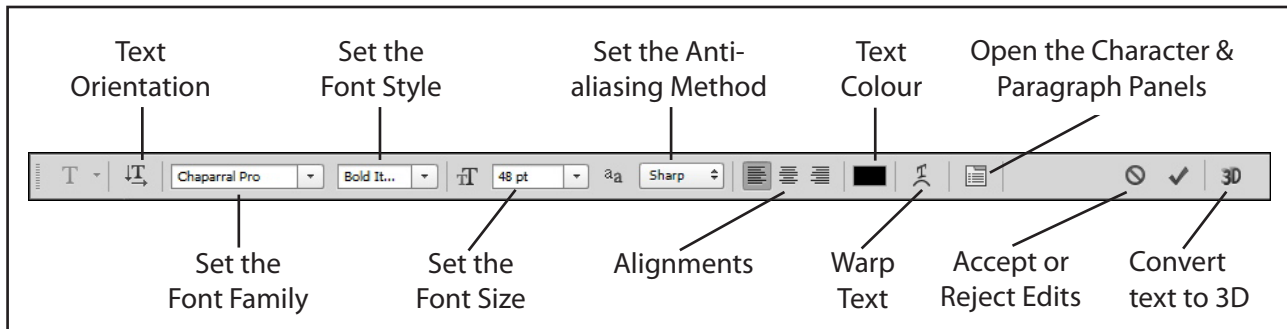
The TEXT TOOLS are housed within the TYPE TOOL in the TOOLS panel.



- 1 Click and hold down the mouse button on the TYPE TOOL and select the HORIZONTAL TYPE TOOL.

- 2 Set the VIEW to FIT ON SCREEN by pressing CTRL+0 on the Windows system or COMMAND+0 on the Macintosh system.

- 3 Click the cursor (which is now an I-Beam) near the top left of the canvas.
- 4 The OPTIONS BAR should display the text options which are labelled in the following diagram.

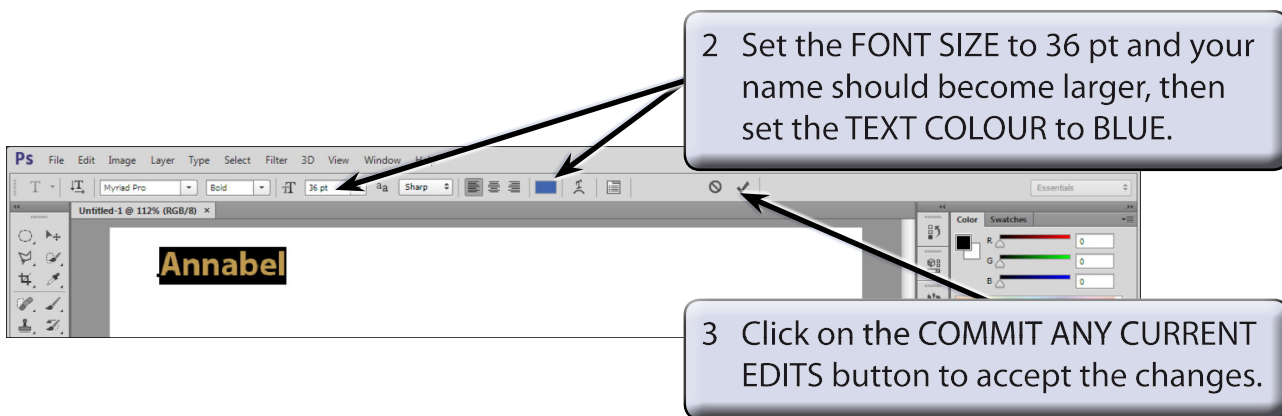


NOTE: A text layer is created in the LAYERS panel when you click the I-Beam on the canvas.

Altering Text

You can alter text once it has been entered.

- 1 Highlight your name by dragging the I-Beam across the letters or by double clicking on the letters.

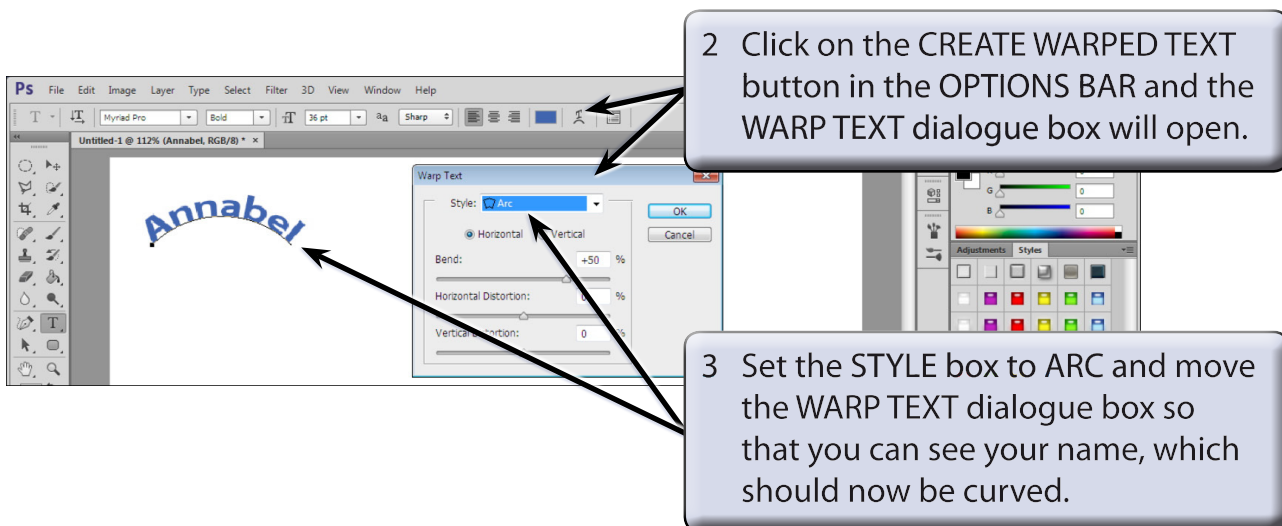


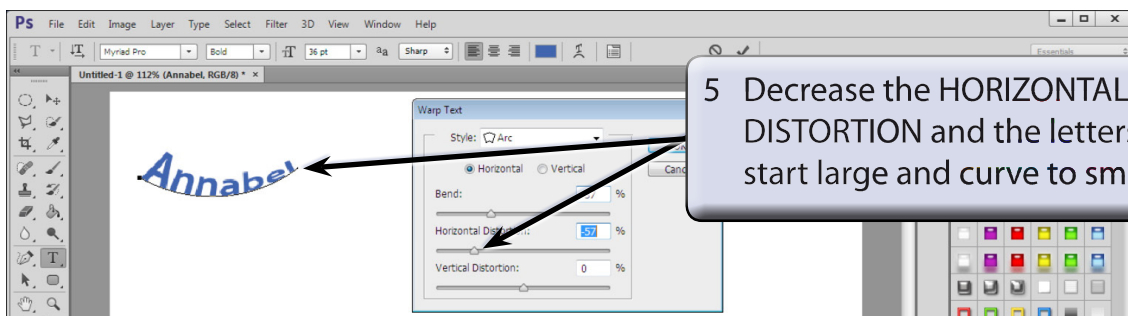
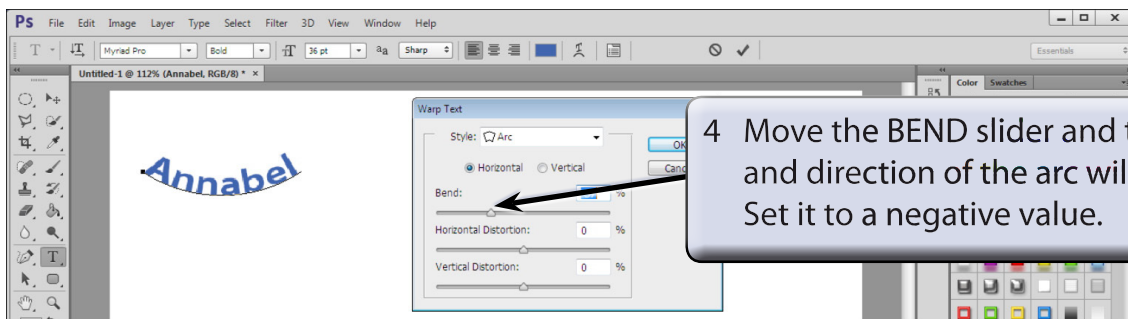
Warping Text

There are a number of special curved effects that can be applied to the text. These are found in the CREATE WARPED TEXT button in the OPTIONS BAR.

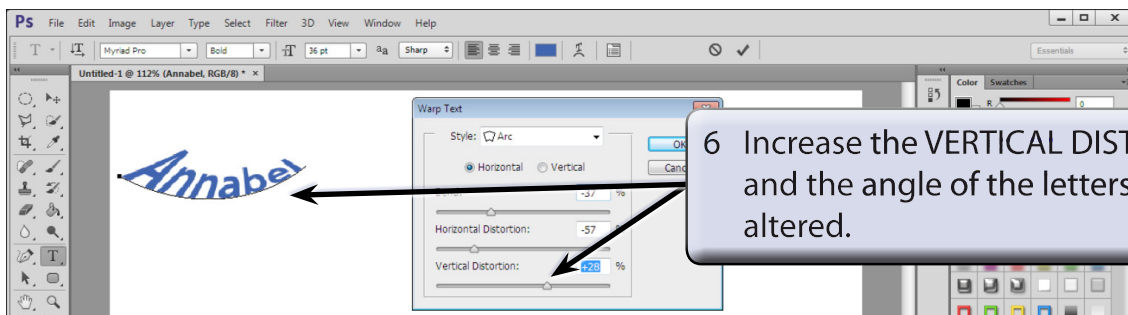
A Single Arced Text

- 1 Click the I-Beam anywhere in your name.





NOTE: The reverse occurs if you increase the HORIZONTAL DISTORTION.



Adjusting the Look of Images

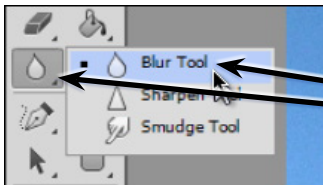
Photoshop offers a range of tools that allow you to adjust the colour and texture of images and photographs.

Loading a Sample File

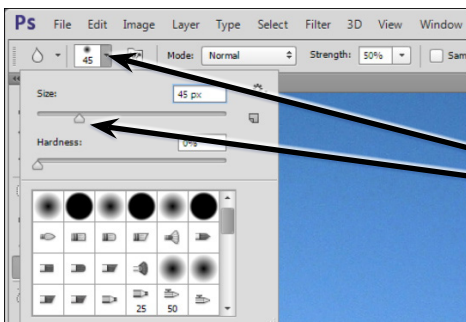
- 1 Load Photoshop or close the current file then display the FILE menu and select OPEN.
- 2 Access the PSCS6 SUPPORT FILES, open the CHAPTER 8 folder and open the LONDON image.
- 3 Press CTRL+0 or COMMAND+0 to set the view to FIT ON SCREEN and set the TOOLS panel to 2 columns.

The Blur Tool

The BLUR TOOL softens hard edges in an image to reduce its details. Let's make one of Big Ben's clocks a little less detailed.

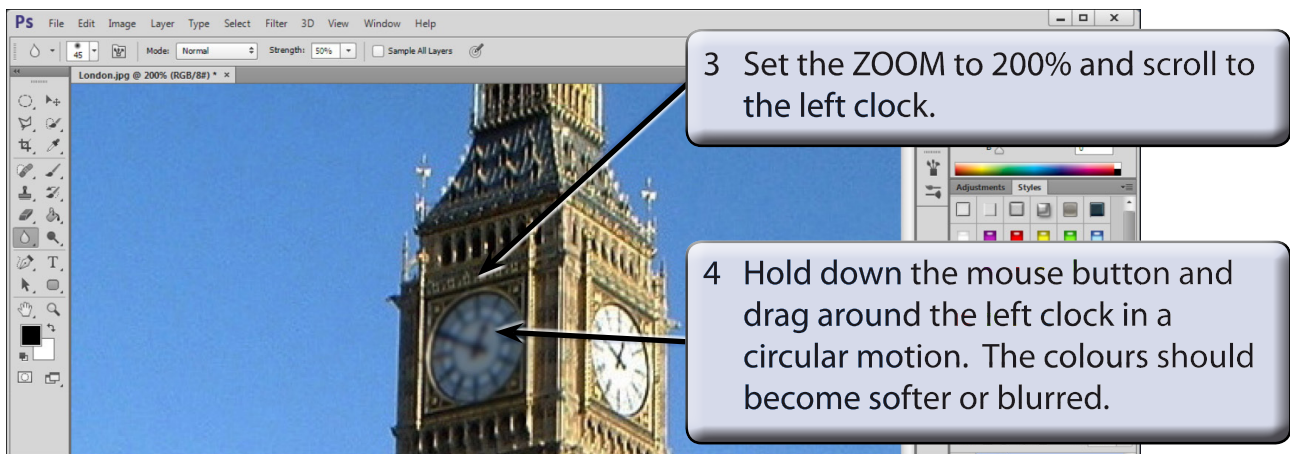


- 1 Click and hold down the mouse button on the tool below the ERASER TOOL and select the BLUR TOOL.



- 2 In the OPTIONS BAR click on the BRUSH SIZE arrow, set the SIZE to 45 pixels then click on the arrow again to close the panel.

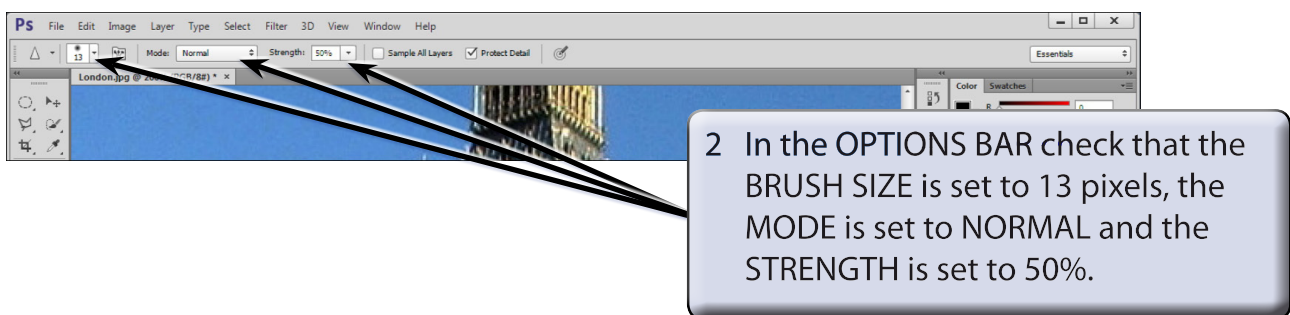
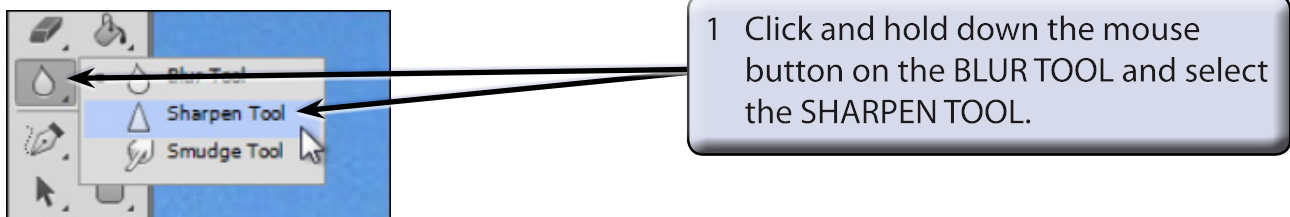
NOTE: You can also select a brush from the brush types in the lower section of the BRUSH panel.



- 5 The items in the OPTIONS BAR allow you to change the BRUSH SIZE, the MODE which is the way the paint blends with the pixels, and the STRENGTH of the blur.
- 6 Try a few of the options then STEP BACKWARDS (ALT+CTRL+Z or OPTION+COMMAND+Z) to undo the changes.

The Sharpen Tool

The SHARPEN TOOL has the opposite effect to the BLUR tool. It sharpens soft edges to increase the clarity or focus.

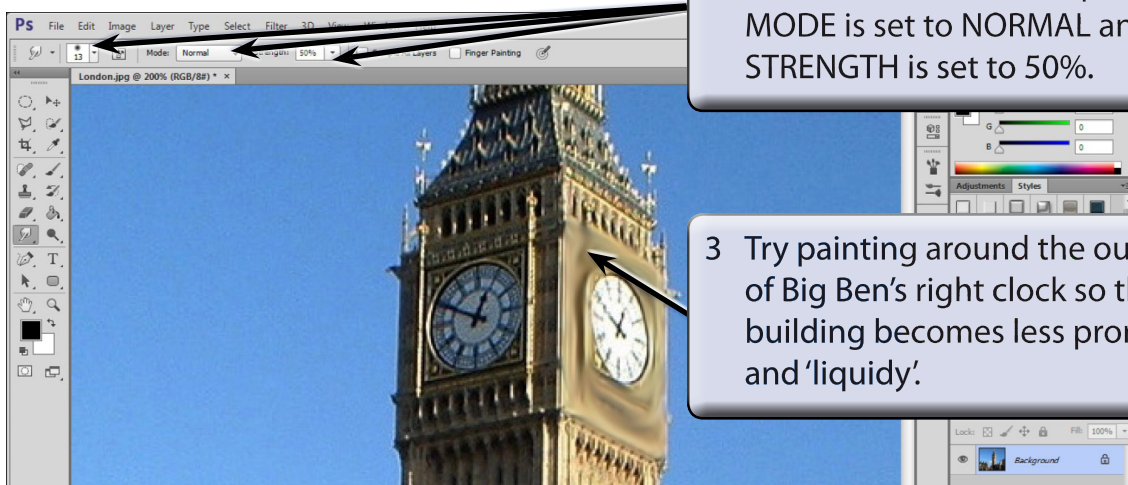
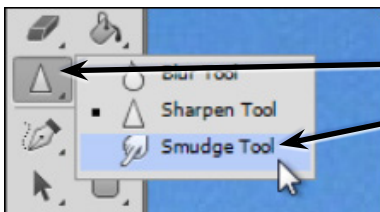




- 4 Try some of the other settings in the OPTIONS BAR.
- 5 STEP BACKWARDS (ALT+CTRL+Z or OPTION+COMMAND+Z) to undo the changes.

The Smudge Tool

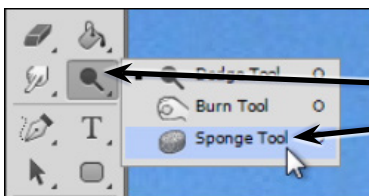
The SMUDGE TOOL picks up the colour where your cursor is and pushes it in the direction that you drag so that colours run into one another.



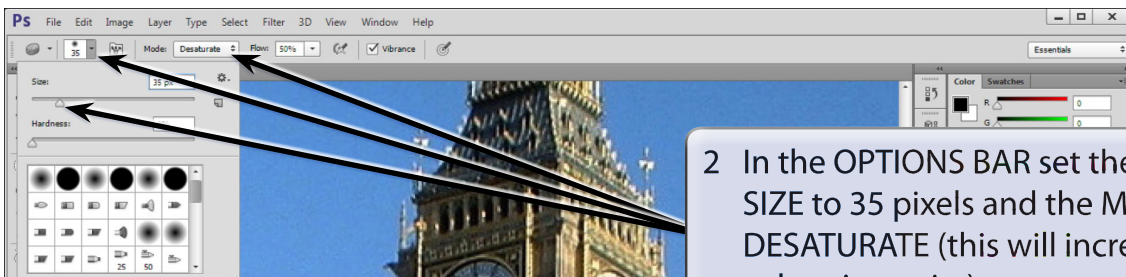
- Again, the OPTIONS BAR can be used to adjust the degree of smudging. Experiment with some of the settings then STEP BACKWARDS (ALT+CTRL+Z or OPTION+COMMAND+Z) to undo the changes.

The Sponge Tool

The SPONGE TOOL changes the saturation or vividness of colours.

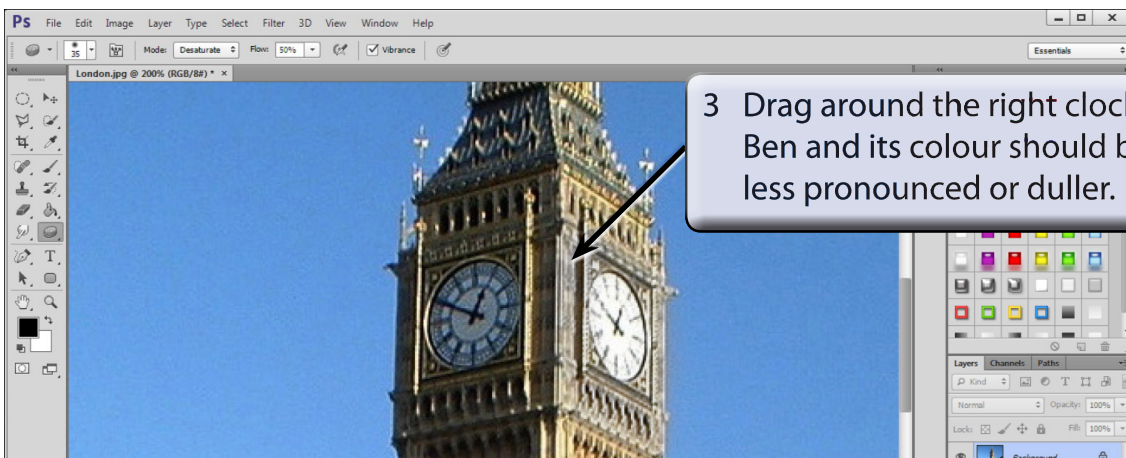


- Click and hold down the mouse button on the button to the right of the SMUDGE TOOL and select the SPONGE TOOL.



- In the OPTIONS BAR set the BRUSH SIZE to 35 pixels and the MODE to DESATURATE (this will increase the colour intensity).

NOTE: You can increase the FLOW if you want the sponge effect to be more pronounced.



- Drag around the right clock of Big Ben and its colour should become less pronounced or duller.

Combining Photographs

Often it is not possible to fit all the required scenes or images in the one photograph. Photoshop provides the ability to merge two or more photographs together into one photograph. The combined photograph can then be cropped so that it looks like it was taken in a single shot.

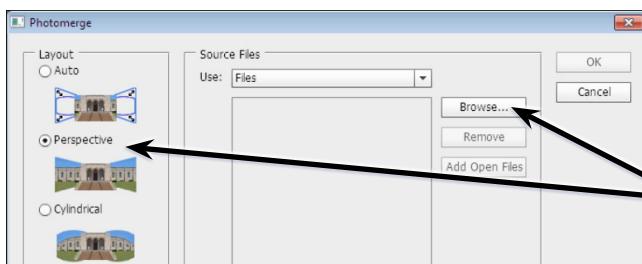
Photomerging

When you take a series of photos that pan across a scene, those photos can be combined into the one large photo that provides a panorama of the photos. The process is called Photomerging.

A Selecting the Photographs

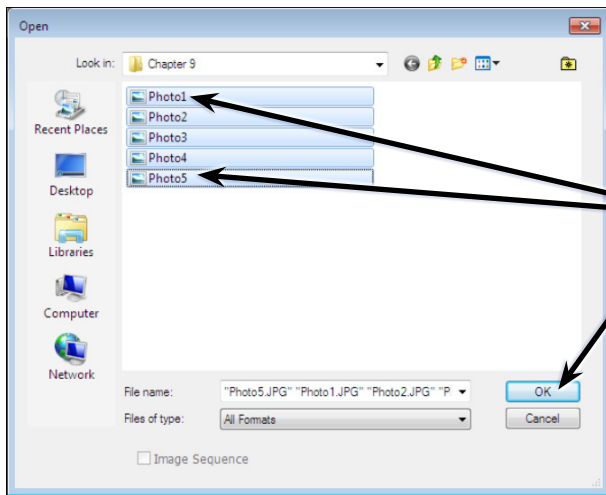
Five photographs spanning around a hill top have been taken for you and need to be merged into one photograph.

- 1 Load Photoshop or close the current file.
- 2 Display the FILE menu, highlight AUTOMATE and select PHOTOMERGE.

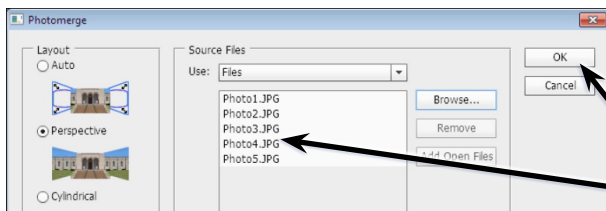


- 3 In the PHOTOMERGE dialogue box you can select from a variety of layouts. Select PERSPECTIVE and click on the BROWSE button to select the photos.

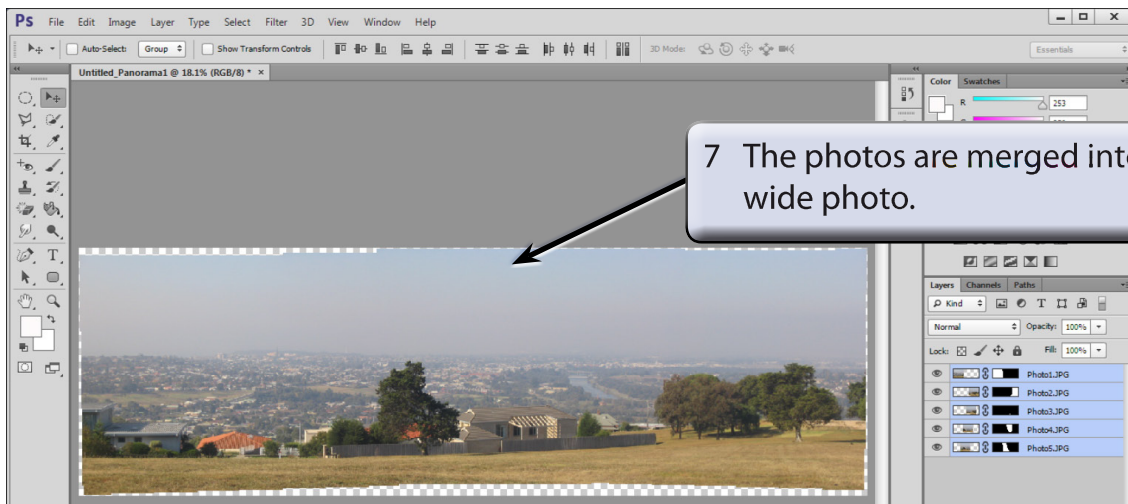
- 4 Access the PScs6 SUPPORT FILES folder and open the CHAPTER 9 folder.



5 Click once on the PHOTO1 file to select it, hold down the SHIFT key and click on the PHOTO5 file. All 5 photos should be selected, then select OK.



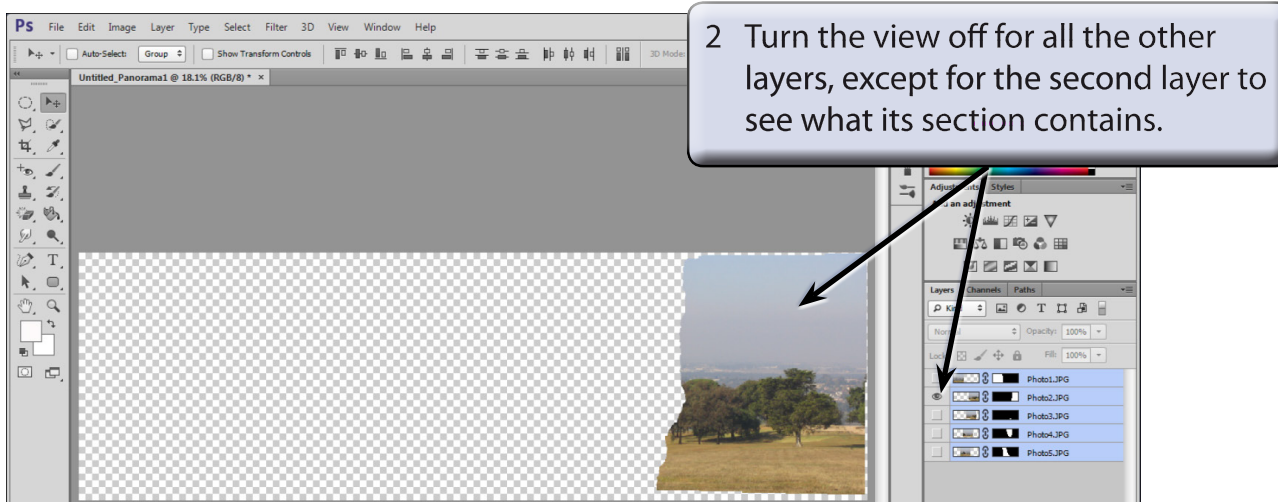
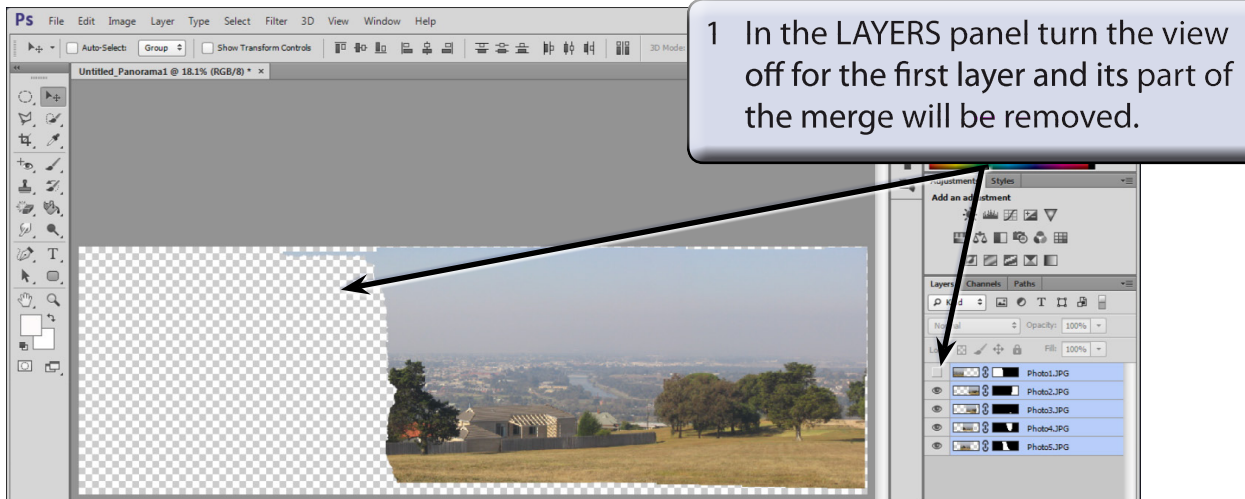
6 The photos should be added to the PHOTOMERGE dialogue box. Click on OK and the photomerge process will begin.



7 The photos are merged into the one wide photo.

B Looking at the Photos

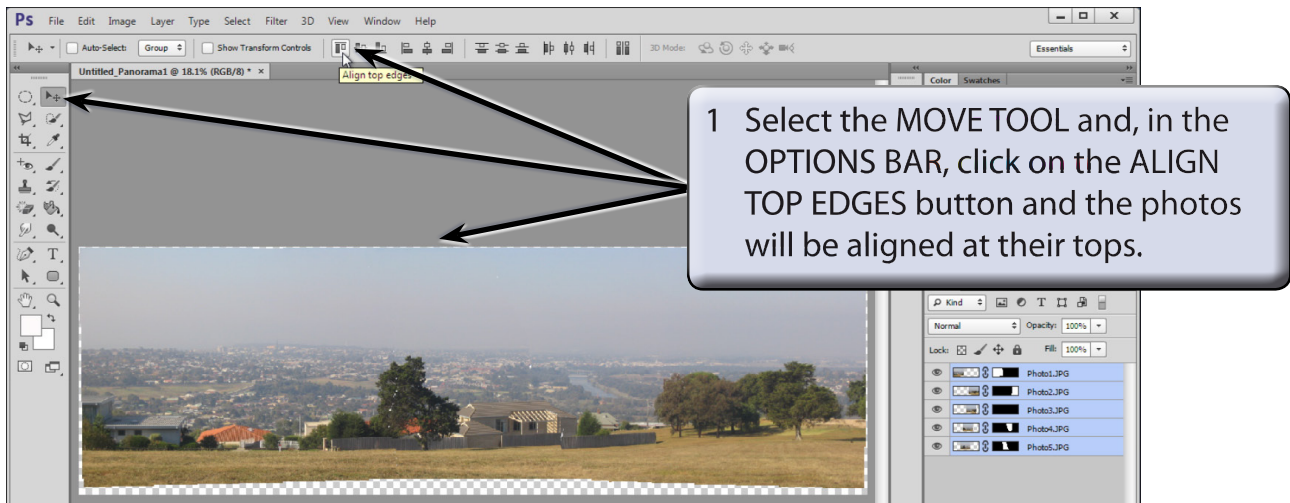
Each individual photo is placed in its own layer in the LAYERS panel.



- 3 Turn on each of the layers in turn to see what parts of their photo is included until the view of all the layers is back on in the LAYERS panel.

C Adjusting the Alignment

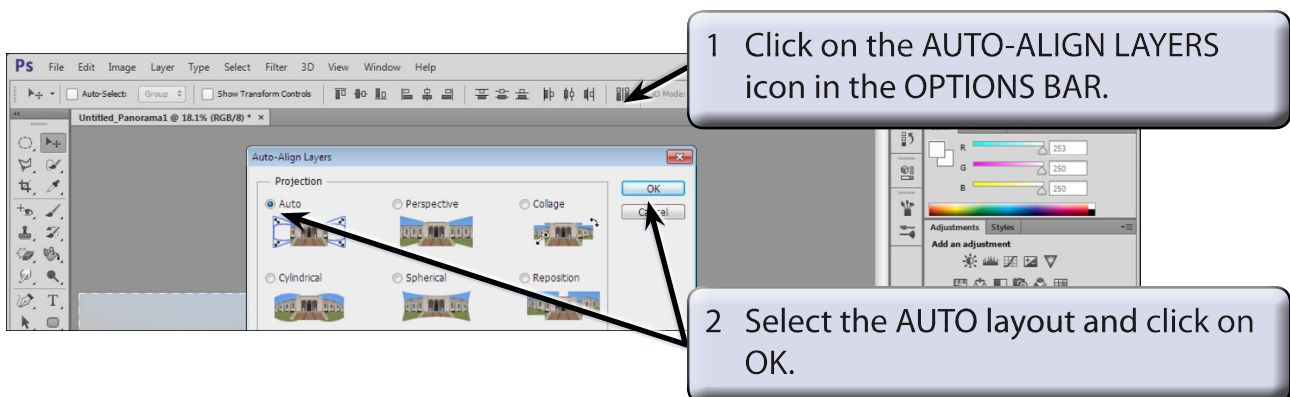
You can adjust the alignment of the photos using the OPTIONS BAR.



- 2 Try some of the other alignments then use STEP BACKWARDS to return to the original merge.

D Changing the Layout

For some merges you can change the merge layout after it has been created. It requires images to overlap by about 40%. This is not the case with these images, but we will look at how the layout could be changed.



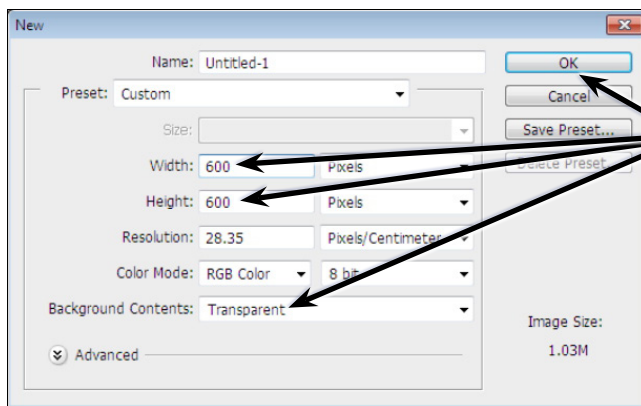
Creating Clipping Masks

Layers are one of the most fundamental aspects of Photoshop. They allow you to break a drawing up into small selections which makes detailed drawings much easier to manage. In this Chapter you will use layers to create masks. Masks are covers that you place over things. In Photoshop you can show parts of photos or images through a clipping mask placed over the image.

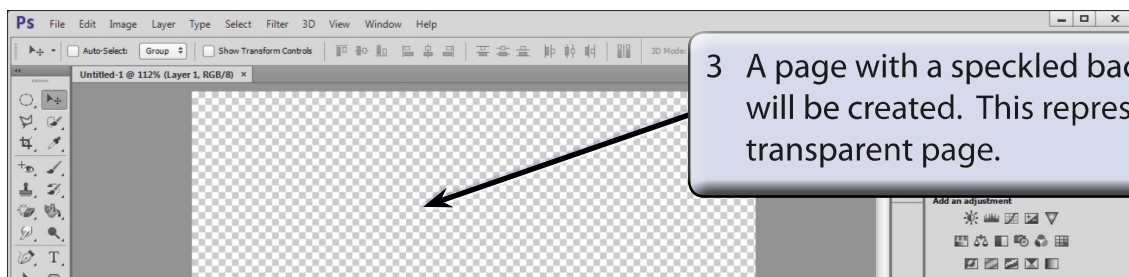
Creating a Transparent Layer

Layers can be set to have different types of backgrounds. One with a white background, one with a coloured background and another with a transparent (or clear) background. In this case a transparent layer will be used.

- 1 Load Photoshop or close the current files and select NEW from the FILE menu.



- 2 Set the WIDTH and HEIGHT to 600 pixels, the BACKGROUND CONTENTS to TRANSPARENT and select OK.

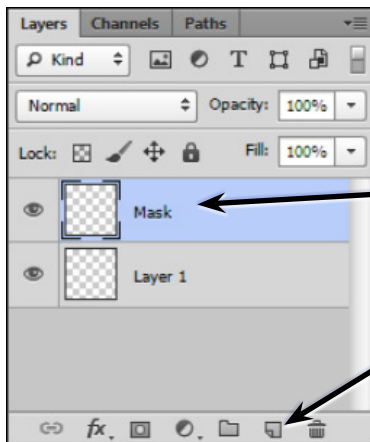


- 3 A page with a speckled background will be created. This represents a transparent page.

- 4 Press CTRL+0 or COMMAND+0 to set the view to FIT ON SCREEN.

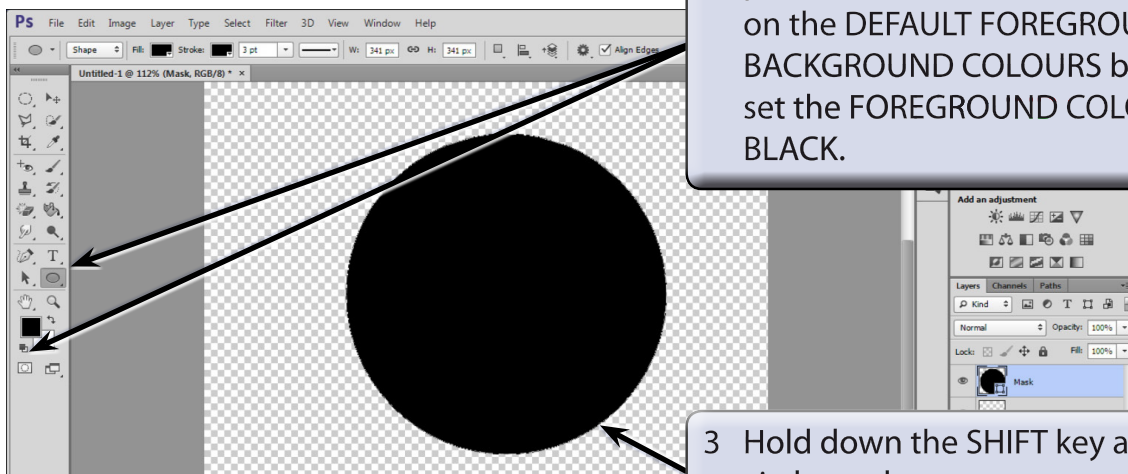
Drawing the Mask Shape

The ELLIPSE TOOL will be used to draw a circle on the canvas. This will be filled and become a window (or mask) to view other pictures.



1 In the LAYERS panel click on the CREATE A NEW LAYER icon and call the new layer:

Mask



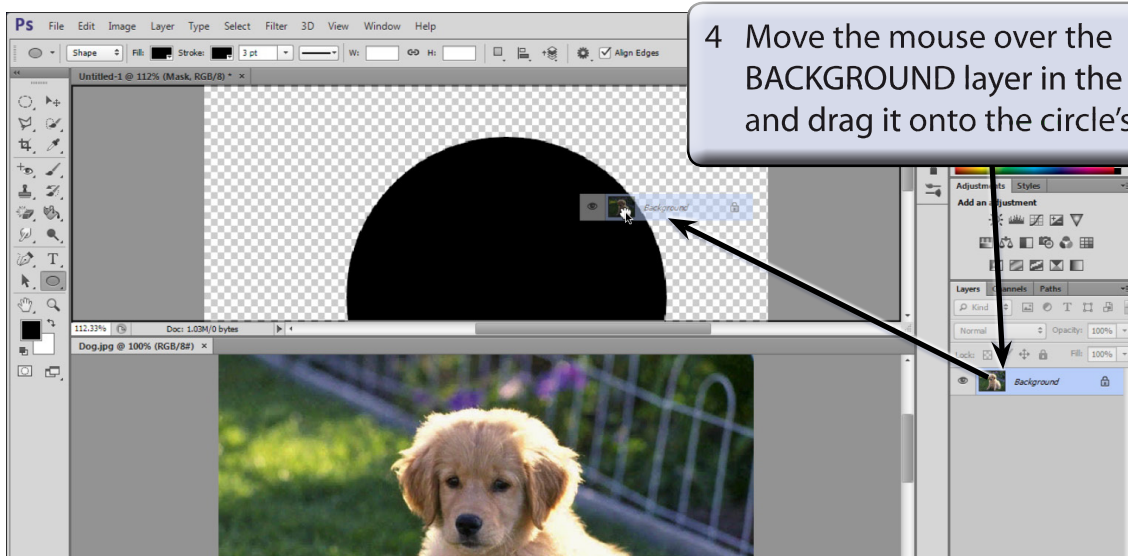
2 Set the SHAPES TOOL in the TOOLS panel to the ELLIPSE TOOL and click on the DEFAULT FOREGROUND AND BACKGROUND COLOURS button to set the FOREGROUND COLOUR to BLACK.

3 Hold down the SHIFT key and drag a circle on the canvas.

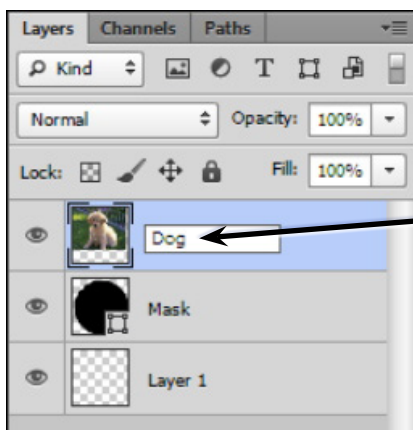
Adding a Background File

We will use a picture of a dog to act as the background image.

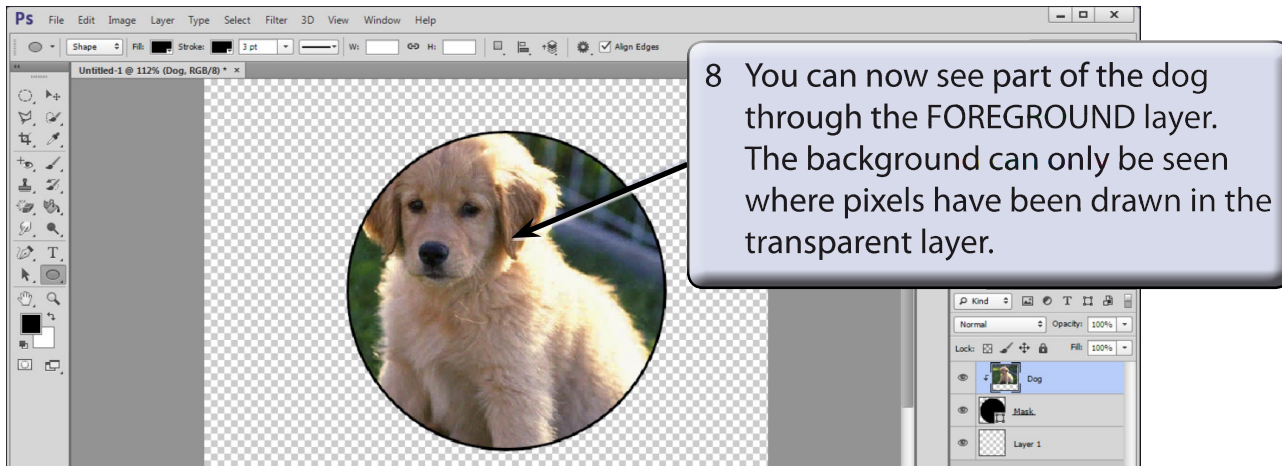
- 1 Display the FILE menu and select OPEN.
- 2 Access the PSCS6 SUPPORT FILES, open the CHAPTER 10 folder and open the DOG file.
- 3 Display the WINDOW menu, highlight ARRANGE and select TILE ALL HORIZONTALLY to place the files above and below each other.



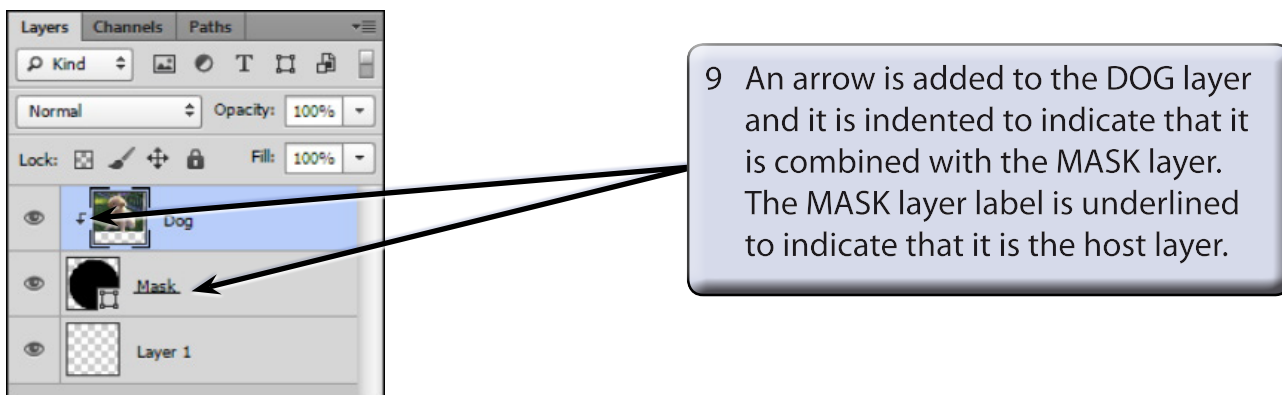
- 5 Close the DOG file by clicking on its CLOSE BOX or by selecting CLOSE from the FILE menu.



- 7 With the DOG layer selected in the LAYERS panel, display the LAYER menu and select CREATE CLIPPING MASK to combine the DOG layer with the MASK layer.



NOTE: You can also hold down the ALT or OPTION key and click on the border between the DOG and MASK layers to create the mask.



Adjustment Layers

Adjustment Layers are one of Photoshop's most valuable features. They allow you to adjust images without altering the original. Photoshop provides a large selection of Adjustment Layers. In this chapter you will look at the EXPOSURE layer, the LEVELS layer, the BRIGHTNESS/CONTRAST layer and the BLACK & WHITE layer.

Exposure layers

One of the most common problems when taking a photo is incorrect exposure. Photos that are over-exposed have too much light in them. Photos that are under-exposed are too dark. An EXPOSURE layer allows you minimize these effects.

A Loading the Sample Photo

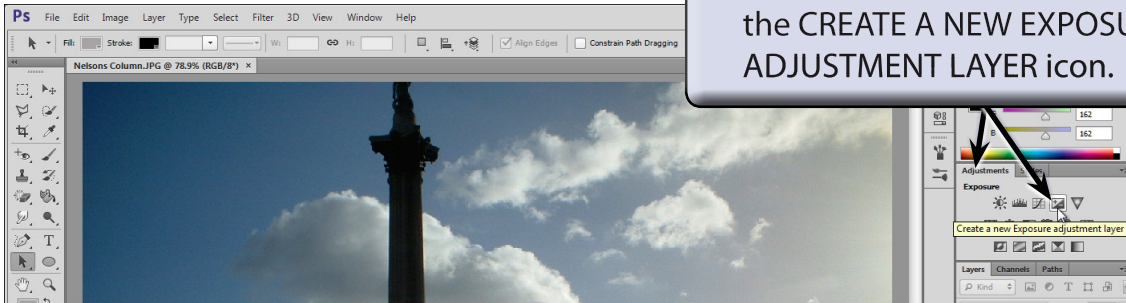
A photo that is under-exposed has been prepared for you and it will need to be adjusted so that the buildings in it can be seen more clearly.

- 1 Load Photoshop or close the current file.
- 2 Display the FILE menu and select OPEN.
- 3 Access the PSCs6 SUPPORT FILES, open the CHAPTER 11 folder and load the NELSON'S COLUMN file.
- 4 The photo is too dark to see the buildings clearly.

B Inserting the Exposure Layer

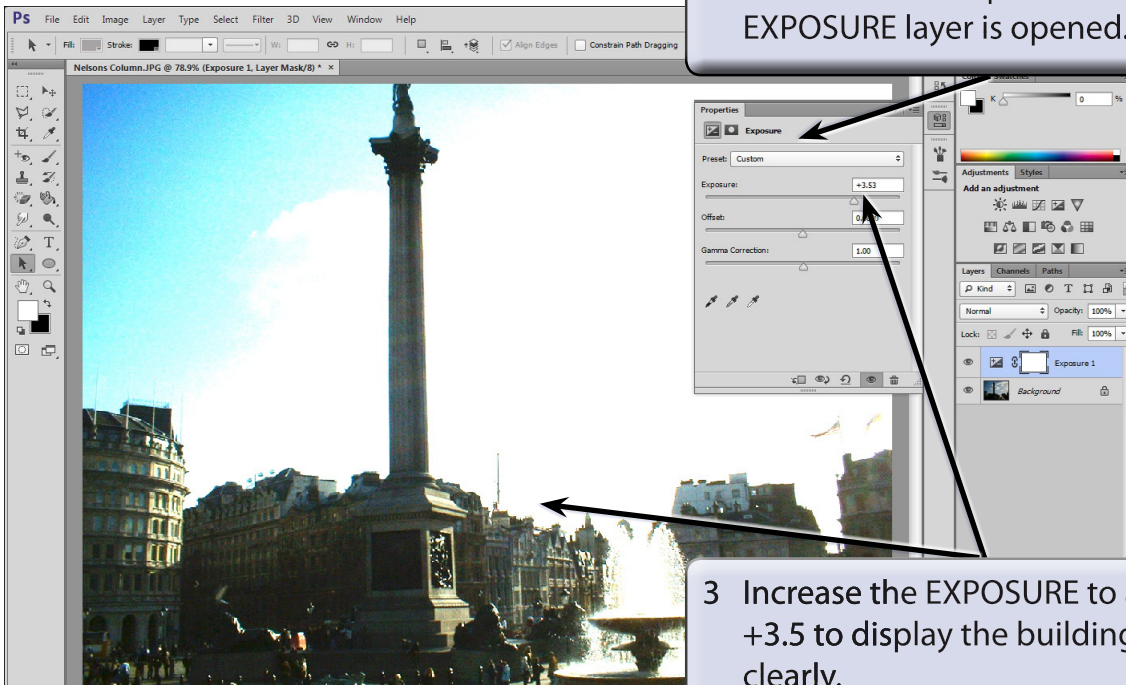
The EXPOSURE LAYER is added on top of the background layer and it will not alter that layer in any way.

- 1 Expand the ADJUSTMENTS panel in the PANEL GROUP and click on the CREATE A NEW EXPOSURE ADJUSTMENT LAYER icon.



NOTE: You can also insert an EXPOSURE LAYER by clicking on the CREATE A NEW FILL OR ADJUSTMENT LAYER icon at the base of the LAYERS panel and selecting EXPOSURE or by displaying the LAYER menu, highlighting NEW ADJUSTMENT LAYER and selecting EXPOSURE.

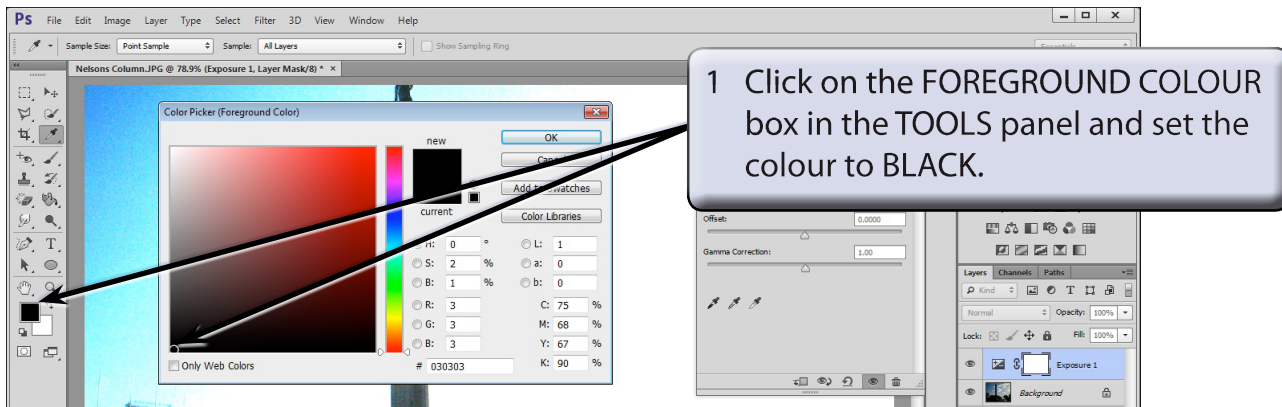
- 2 The PROPERTIES panel for the EXPOSURE layer is opened.



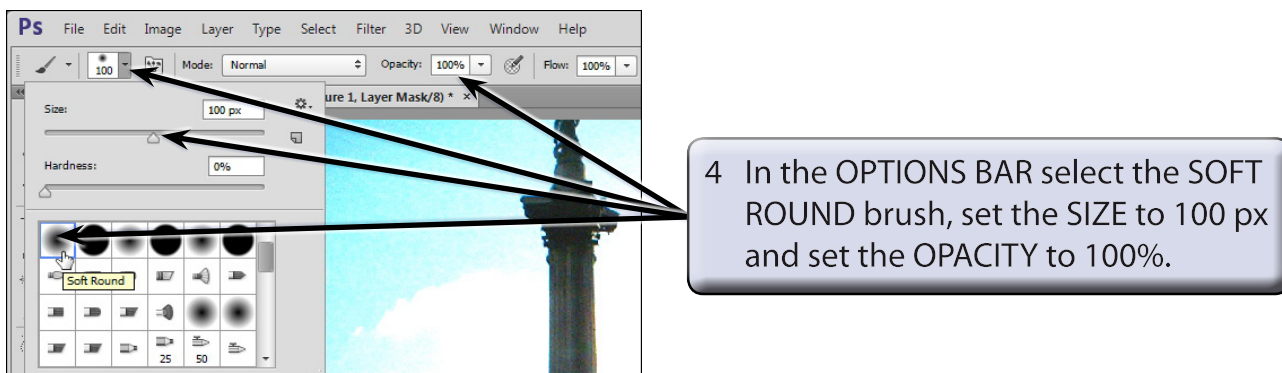
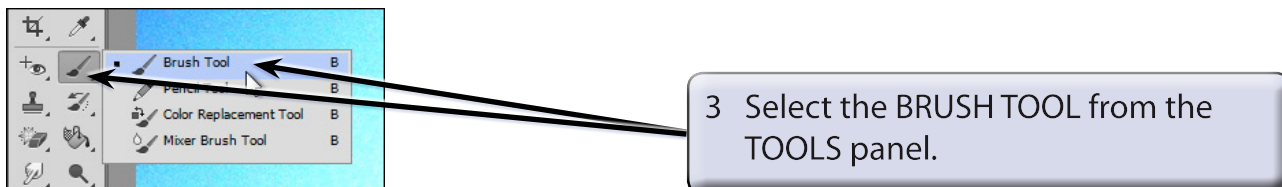
- 3 Increase the EXPOSURE to about +3.5 to display the buildings more clearly.

C Displaying Part of the Background Layer

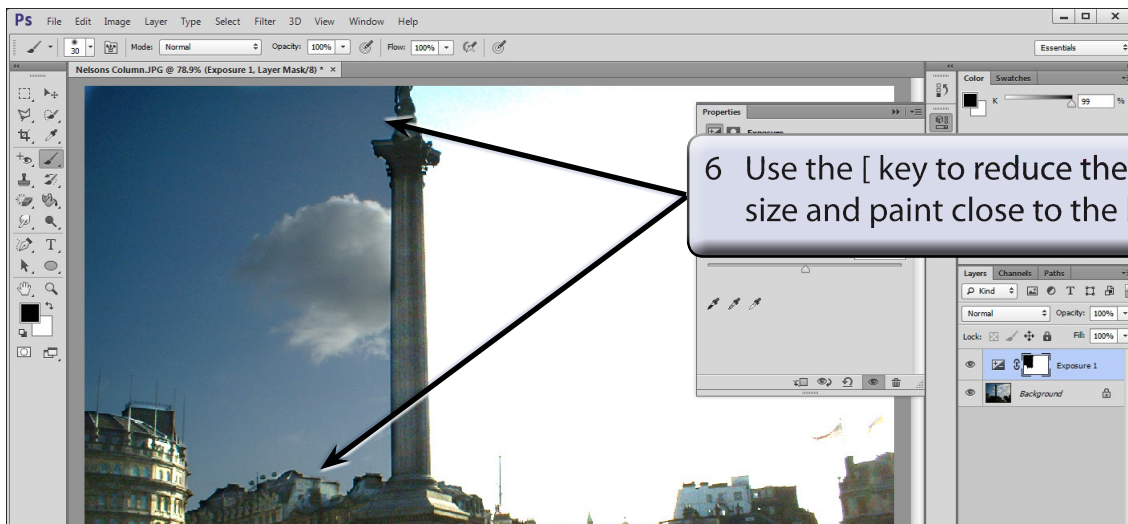
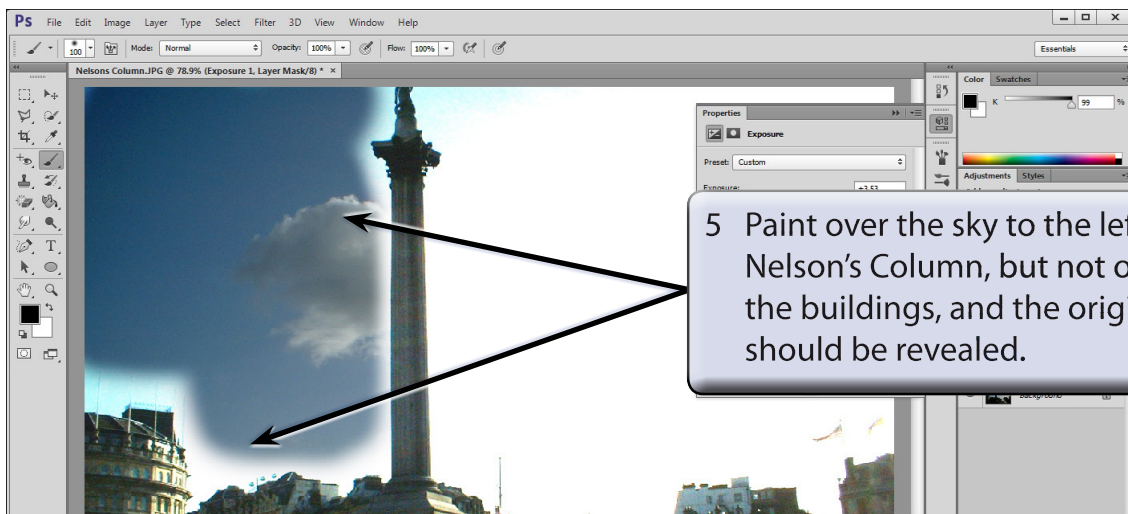
Unfortunately the sky and the fountain are now over exposed and do not look natural. When you create an EXPOSURE layer a MASK is included in the layer. This allows you to paint over parts of the background photo that have better exposure.



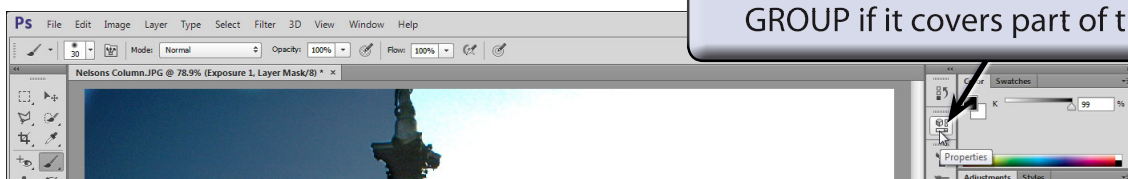
2 Select OK to set the colour.



NOTE: A soft brush usually gives good results when painting over a layer mask.



NOTE: You can use **UNDO** or **STEP BACKWARDS** if you make a mistake with the painting.



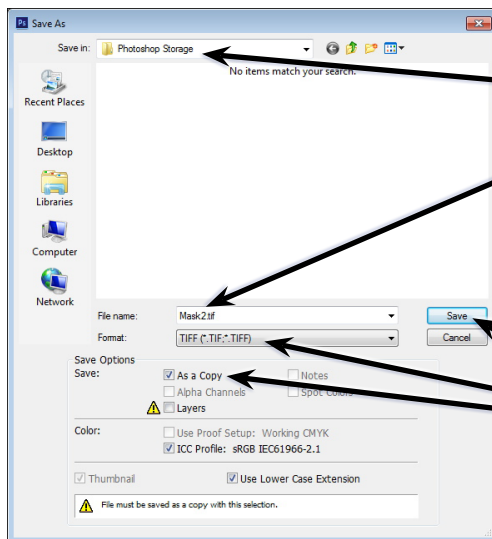
Saving Files

Photoshop provides a number of different formats and ways to save files. You have already saved files in the Photoshop format, but you can save copies of files or save files in compressed formats such as the JPEG format.

Saving a Copy of a File

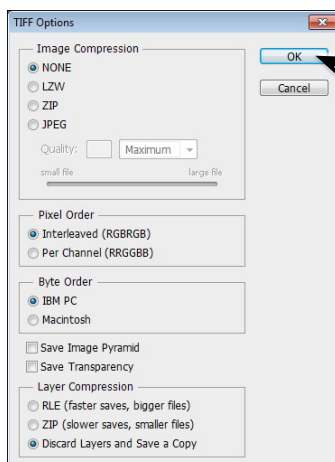
Sometimes it is useful to save a copy of a file so that the file can be used in another program such as Adobe InDesign. By saving a copy of the file you can turn off the layers to reduce the size of the file.

- 1 Load Photoshop or close the current files, open the MASK2 file from your STORAGE folder and set the view to FIT ON SCREEN.
- 2 Display the FILE menu and select SAVE AS.



3 Access your STORAGE folder and leave the FILE NAME as MASK2

4 Set the format box to TIFF which is a high quality format, turn on AS A COPY, turn off LAYERS and select SAVE.



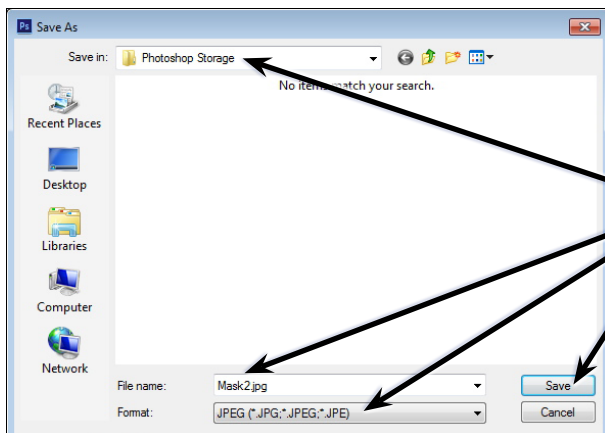
5 You are able to adjust the TIFF format settings if needed. In this case, select OK to save the file.

- 6 The file is saved in your STORAGE folder, but the original file with its layers remains open.

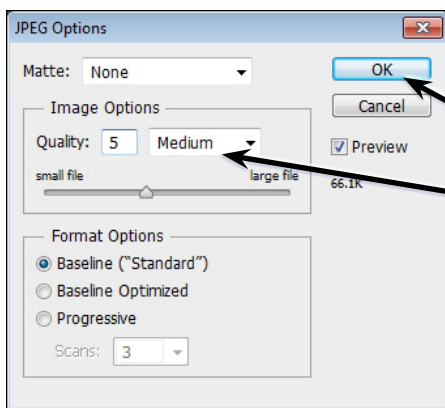
Saving as a JPEG Format

When you wish to save an image in a compressed format, the JPEG (Joint Photographic Enhancement Group) format is a commonly used format that is ideal for adding images to web pages, for e-mail or for importing files into other programs.

- 1 The MASK2 file should be open. Display the FILE menu and select SAVE AS.



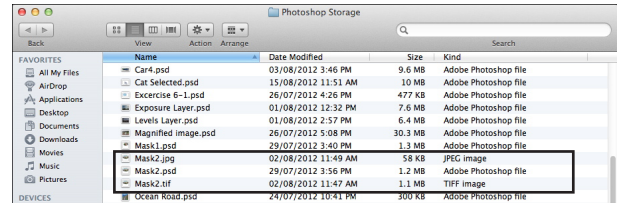
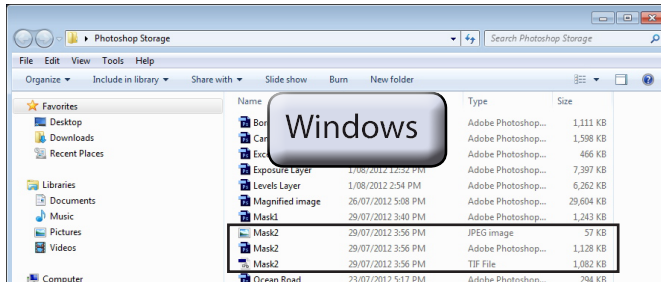
- 2 Access your STORAGE folder, set the format box to JPEG, leave the FILE NAME as MASK2 and select SAVE.



- 3 You are able to adjust the level of compression. Set the QUALITY box to MEDIUM and select OK.

NOTE: The more compression that you apply to an image the lower the quality the saved image has.

- 4 Open your STORAGE folder outside Photoshop and you can compare the file sizes of the original MASK2.PSD file with the MASK2.JPG file and the MASK2.TIFF file.



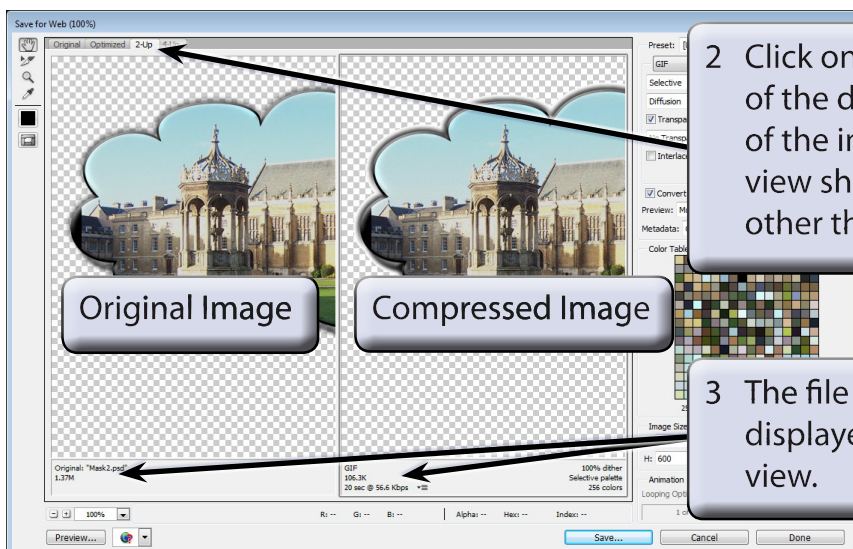
Macintosh

Saving Images for the Web

One of the main uses of Photoshop is in the creation of graphics for use in web sites. These graphics need to be the smallest size possible whilst still retaining their quality. The SAVE FOR WEB command helps you achieve this more accurately than guessing the amount of compression to apply to an image.

A Saving for the Web

- 1 Return to Photoshop and the MASK2 file should be open. Display the FILE menu and select SAVE FOR WEB.



- 2 Click on the 2-UP tab at the top left of the dialogue box and two views of the images are displayed. One view shows the original image, the other the compressed image.

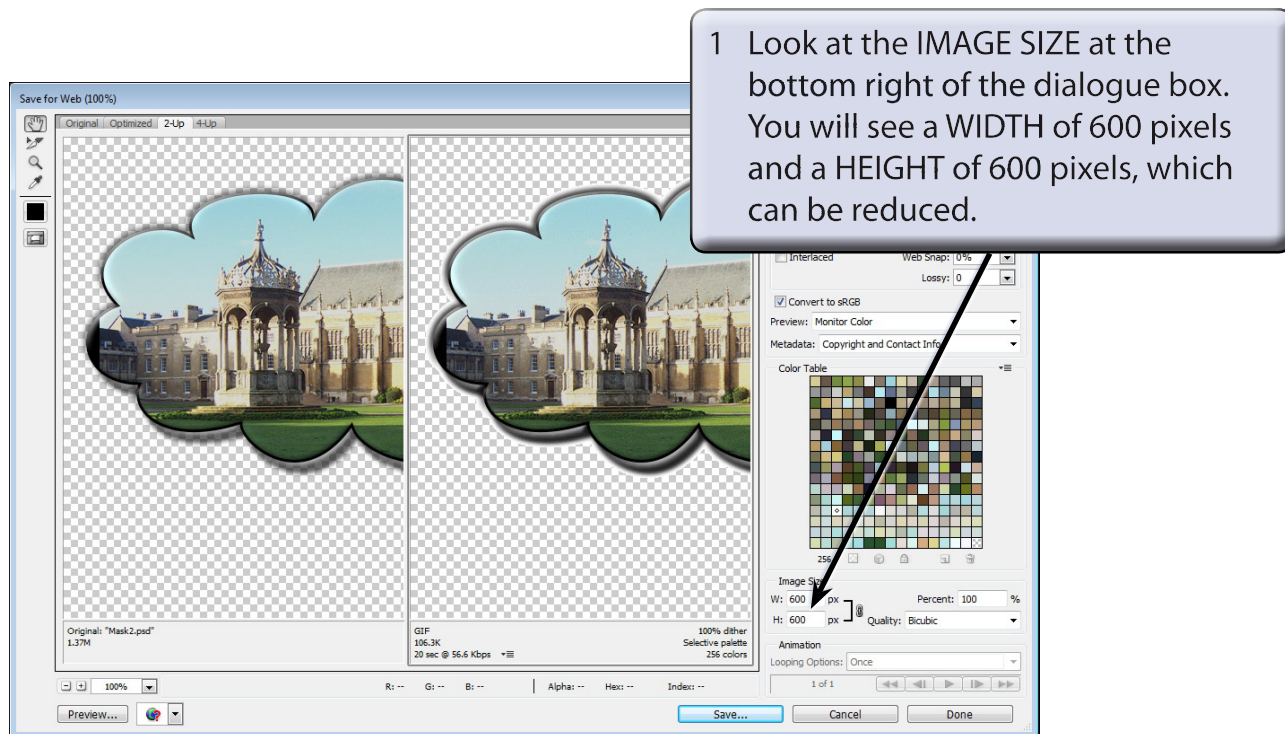
- 3 The file sizes for each image are displayed at the bottom of each view.

B JPEG or GIF Formats

Two common formats used for web graphics are JPEG and GIF (Graphic Interchange Format), and you need to decide which is better for the image you are dealing with. In general, JPEG is used for photographs where many different colours are used, GIF is better for images where less colours are used. JPEG files have a white background added to them whereas GIF files can be set to a transparent background. We are dealing with a colour photograph here so we will try the JPEG setting first.

C Setting the Size of the Photograph

The larger the photograph the larger is its file size. Usually on web sites you do not need very large graphic images that take up the whole screen. So you can reduce the file size by reducing the size of the graphic.



Photoshop Project 1
