

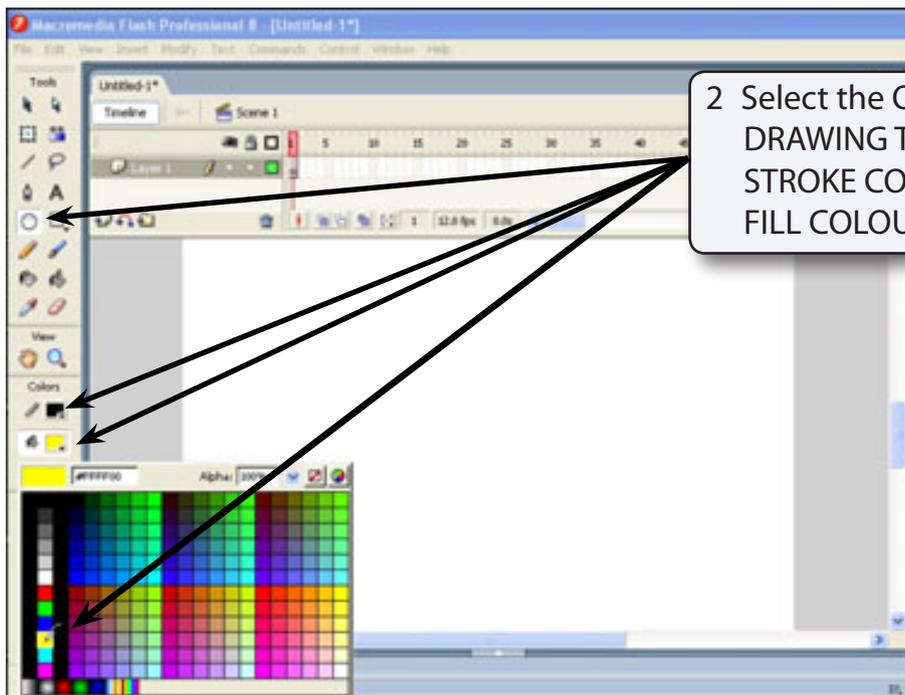
Drawing Tools

Before creating Flash animations you need to be aware of the different Drawing Tools that Flash provides. You've already used the circle, rectangle and line tools. This chapter will concentrate on some of the other drawing tools and techniques that are available in Flash.

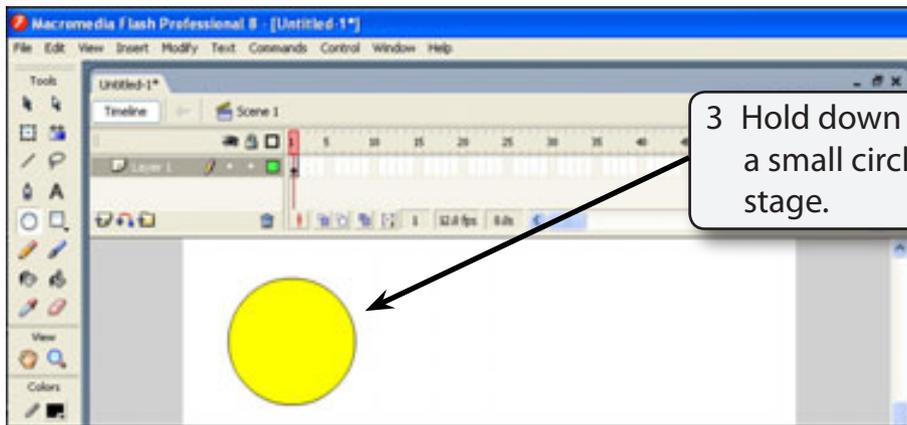
Cookie Cutting

Cookie Cutting causes one object to replace part or all of another object when it is placed over the first object. Most vector drawing programs keep each drawn object as a separate entity, but Flash treats objects differently. The object that is drawn first is at the back of the stage. The next object that is drawn is stacked above the first and any part of the first object that is covered by the second is erased. Flash uses *Cookie Cutting* to help reduce the size of files.

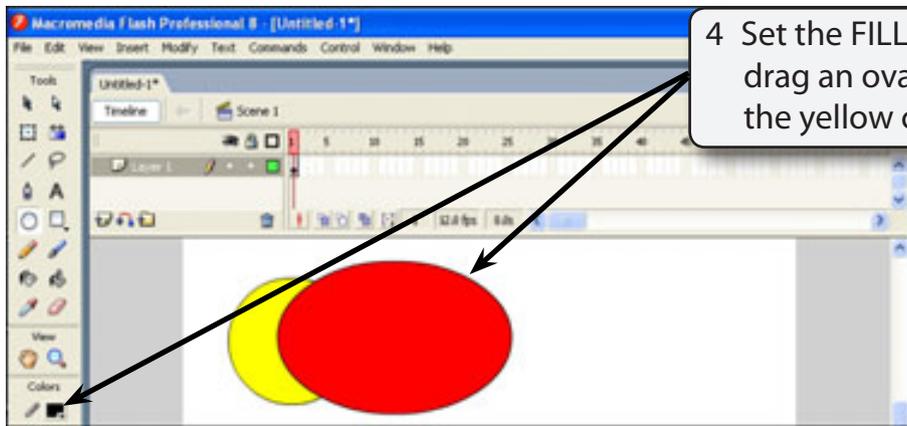
- 1 Load Flash and create a new Flash Document, or close the current file and start a new Flash Document.



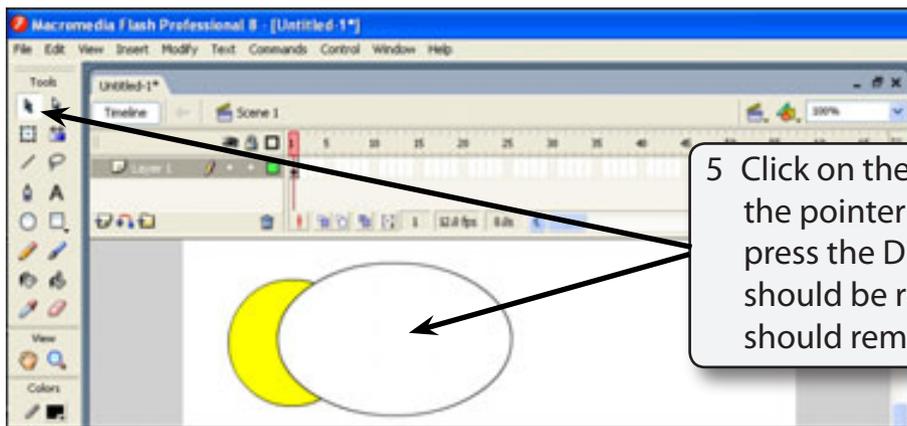
NOTE: The position of some of the DRAWING TOOLS is slightly different for Flash MX 2004 users.



3 Hold down the SHIFT key and drag a small circle near the top left of the stage.

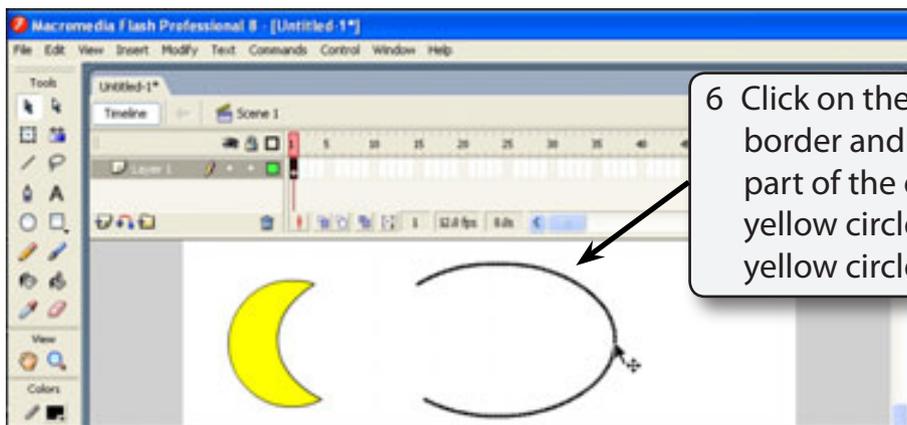


4 Set the FILL COLOUR to RED and drag an oval so that it covers part of the yellow circle.



5 Click on the SELECTION TOOL, click the pointer inside the red oval and press the DELETE key. The oval fill should be removed and the border should remain.

NOTE: When you draw an oval or rectangle in Flash the shape has two parts, a fill and a border.



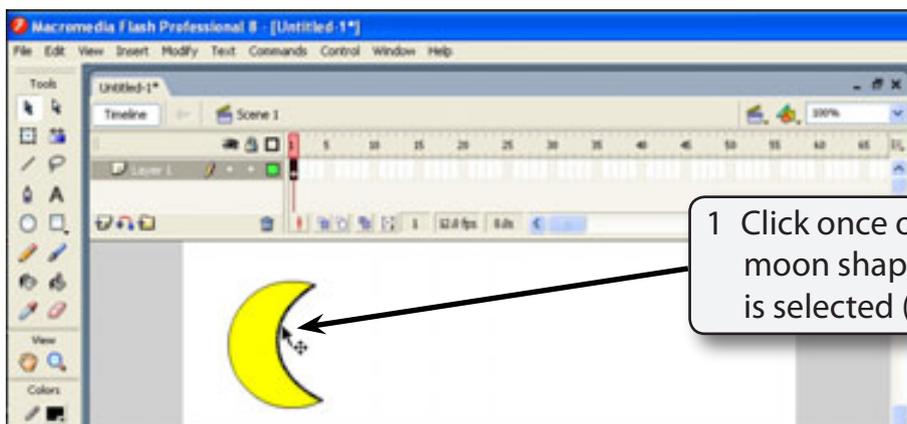
6 Click on the right side of the oval border and drag it to the right. The part of the oval border covering the yellow circle remains and part of the yellow circle has been erased.

NOTE: This is what is meant by **COOKIE CUTTING** - the red oval cookie has cut the yellow circle. It is a good way of creating a half moon shape.

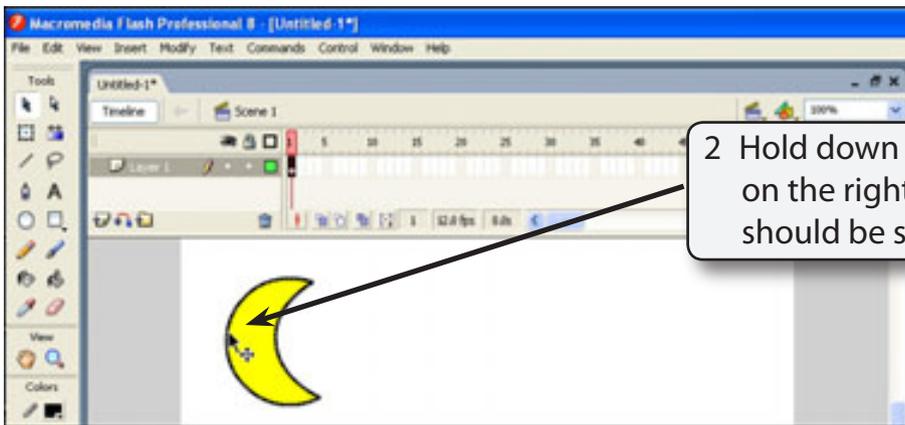
- 7 The remaining part of the oval border should still be selected, press the DELETE key to remove it.

Selecting Objects

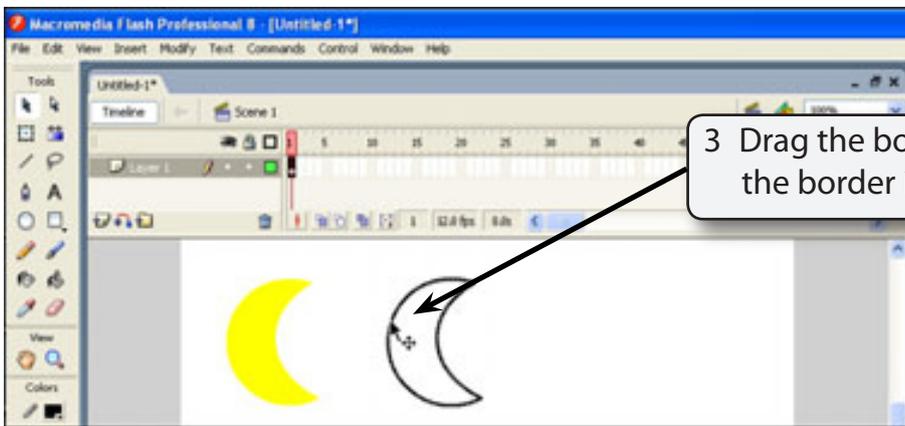
As you have seen when you draw circles or rectangles they have both a border and a fill section. There are a number of ways of selecting each.



1 Click once on the right border of the moon shape. Only the right border is selected (highlighted).

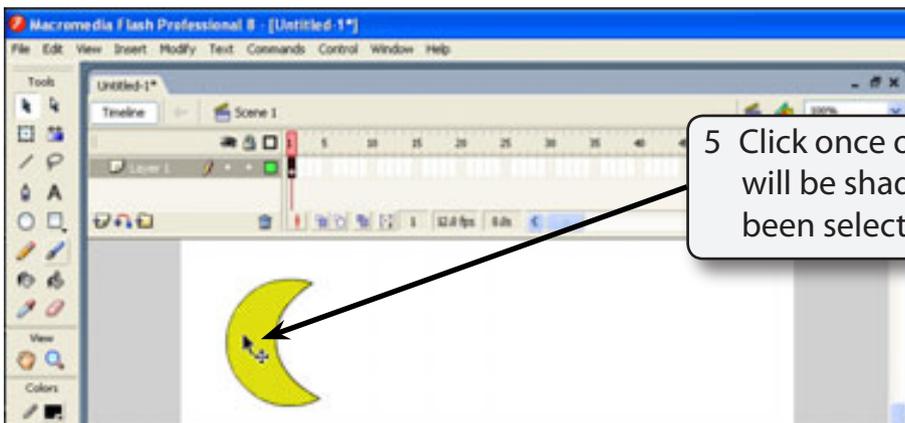


2 Hold down the SHIFT key and click on the right border. Both borders should be selected.



3 Drag the border to the right and just the border itself is moved.

4 Select UNDO by pressing CTRL+Z or +Z to return the border to the fill.



5 Click once on the yellow fill and it will be shaded to indicate that it has been selected.